

From: [Drusilla Hufford](#)
To: [Nancy Ketcham-Colwill](#)
Cc: [Jim Ketcham-Colwill](#); [Jackie Krieger](#); [Brian Mclean](#); [Diane McConkey](#); [Dave Godwin](#)
Subject: "final" 615 text
Date: 06/12/2008 04:24 PM
Attachments: [Redraft section VIII - June 5 2008.doc](#)

Nancy:

I have made the changes we discussed earlier: (b) (5)

(b) (5)
but I could not chat
with her this afternoon.

I am also cc'ing Dave Godwin of my staff, who will be acting for me tomorrow and knows that he is on tap to take this further if needed. Dave can be reached on 202-343-9324. He is aware of the urgency of any changes, and is usually reachable by phone.

Thanks so much for taking time this afternoon to talk me through the larger issues you have been managing,

Drusilla



Redraft section VIII - June 5 2008.doc

Drusilla Hufford
U.S. EPA
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e-mail: hufford.drusilla@epa.gov
<http://www.epa.gov/ozone>

From: [Drusilla Hufford](#)
To: [Cheryl Mackay](#)
Cc: [Sarah Dunham](#); [David Donaldson](#)
Subject: Followup for Jeff
Date: 07/03/2012 10:40 AM
Attachments: [Phaseout Schedule for CFC Propellant MDIs.docx](#)
[Public Outreach on Epinephrine.docx](#)
[Consumer Update article.pdf](#)
[ACAAI.pdf](#)
[TEVA.pdf](#)
[MothersofAsthmatics.pdf](#)
[Mebr Data Summary.pdf](#)
[Selected Prior Recipients of EPA Strat Ozone Award.docx](#)

Dear Cheryl: Attached and included below are a set of materials responsive to the questions from Jeff Baran of the Waxman staff. Listed below are his specific questions:

Primatene:

1. list of other CFC propellant MDIs and when they were phased out
2. Letters/Articles on Primatene (a subset requested by Jeff)
3. List of EPA public outreach activities in 2011

(b) (5)



Methyl Bromide:

1. What are the various applications and what are the alternatives?
2. List of successful organic growers who have been recipients of EPA's Montreal Protocol Award
3. Link to EPA's final 2012 critical use exemption rule
4. Data on the existing stockpile of methyl bromide, recent CUE approved (by the Parties) and allowed amounts

I combined two things in #4, so it really includes all Jeff asked for on MeBr numbers.

Let me know if you have questions and thanks,

Drusilla

Primatene Mist



Methyl Bromide Applications and Alternatives

Methyl bromide is a broad-spectrum fumigant that can be used as a broad spectrum biocide. Methyl bromide controls a wide range of pests including fungi, weeds, insects, pathogens and nematodes. Methyl bromide's most prevalent historical use pattern has been as a soil fumigant in the production of vegetable crops, strawberries, orchard and vineyard replant, and nursery production. There are a number of widely available and highly effective methyl bromide alternatives including 1,3-dichloropropene, chloropicrin, metam sodium, dazomet, and dimethyl disulfide (DMDS). At present, the largest use of methyl bromide is for strawberry production.

Methyl bromide is also used to control insect pests in certain stored commodities and food handling and processing facilities. Alternative treatments include sulfuryl fluoride, phosphine, and heat treatment. Methyl bromide is also used in quarantine and pre-shipment applications to agricultural commodities, shipping materials and dry goods. There are currently limited alternatives available for this use.



Link to the 2012 Critical Use Exemption From the Phaseout of Methyl Bromide Final Rule

<https://www.federalregister.gov/articles/2012/05/17/2012-11972/protection-of-stratospheric-ozone-the-2012-critical-use-exemption-from-the-phaseout-of-methyl>



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e-mail: hufford.drusilla@epa.gov
<http://www.epa.gov/ozone>

From: [Drusilla Hufford](#)
To: [drusillahufford](#) (b) (6)
Subject: Fw: Enforcement Budget Adjustment Plans
Date: 08/21/2012 07:20 PM
Attachments: [Biosolids Budget Adjustment Plan 08-09-2012 \(final\).pdf](#)
[Compliance Assistance Budget Adjustment Plan and Next Generation Compliance Assistance 8-9-12 \(final\).pdf](#)
[Ozone Depleting Substances Budget Adjustment Plan 8.9.12 \(final\).pdf](#)
[Superfund Enforcement Priorities 08-08-2012 \(final\).pdf](#)
[UIC budget adjustment plan 08-09-2012 \(final\).pdf](#)
[UST Budget Adjustment Plan 8-7-12 \(final\).pdf](#)
[Criminal Budget Adjustment Areas \(final\).pdf](#)
[FIFRA Budget Adjustment Plan 8-7-12 \(final\).pdf](#)
[Good Lab Practices Budget Adjustment Plan 8-7-12 \(final\).pdf](#)

▼ [Sarah Dunham](#)

----- Original Message -----

From: Sarah Dunham
Sent: 08/20/2012 04:53 PM EDT
To: Jackie Krieger; Drusilla Hufford; Richard Haeuber
Subject: Fw: Enforcement Budget Adjustment Plans
anything in here of concern?

----- Forwarded by Sarah Dunham/DC/USEPA/US on 08/20/2012 04:51 PM -----

Fw: Enforcement Budget Adjustment Plans

**Gina
McCarthy** to: Dunham.Sarah

08/20/2012
04:49 PM

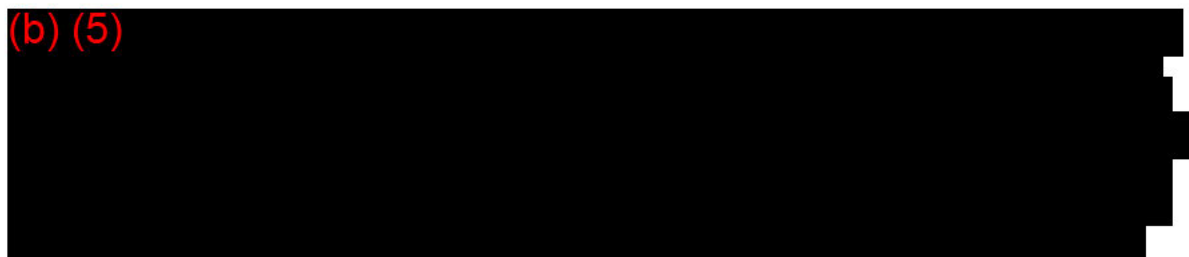
fyi

----- Forwarded by Gina McCarthy/DC/USEPA/US on 08/20/2012 04:49 PM -----

From: Cynthia Giles-AA/DC/USEPA/US
To: Regional Administrators, Assistant Administrators and Senior Advisors to the Administrator
Cc: Lawrence Starfield/DC/USEPA/US@EPA
Date: 08/20/2012 12:21 PM
Subject: Enforcement Budget Adjustment Plans

To: Regional Administrators
Assistant Administrators

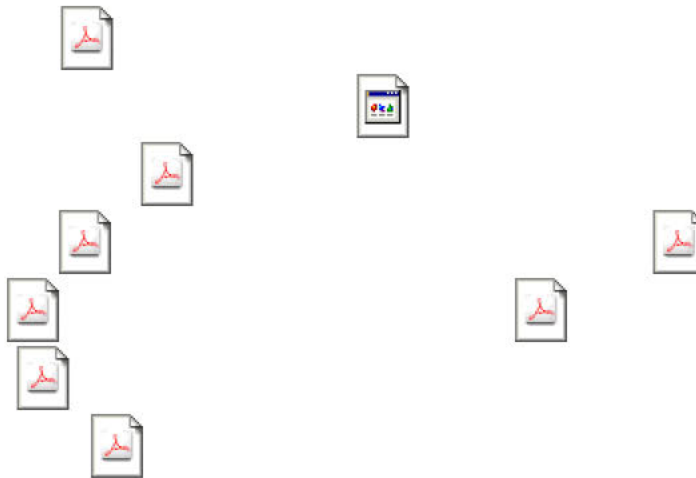
(b) (5)



(b) (5)

Thank you for your continuing cooperation.

Cynthia



From: [Jackie Krieger](#)
To: [David Donaldson](#); [Jeremy Arling](#); [Anhar Karimjee](#); [Lisa Grogan-McCulloch](#)
Cc: [Drusilla Hufford](#); [Paul Gunning](#); [Suzanne Kocchi](#)
Subject: Fw: January OAR Policy Calendar
Date: 01/03/2013 01:13 PM
Attachments: [OAR Policy Calendar 122812.xlsx](#)

(b) (5)



Please send to me by 4 pm Monday Jan 7. Thanks!

----- Forwarded by Jackie Krieger/DC/USEPA/US on 01/03/2013 01:04 PM -----

From: Daniel Hopkins/DC/USEPA/US
To: Anna Duncan/DC/USEPA/US@EPA, Jackie Krieger/DC/USEPA/US@EPA, Mary Henigin/DC/USEPA/US@EPA, Lori Stewart/DC/USEPA/US@EPA
Cc: Pat Scoville/DC/USEPA/US@EPA, Venu Ghanta/DC/USEPA/US@EPA, Peter South/RTP/USEPA/US@EPA, Joseph-J Dougherty/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Dennis OConnor/DC/USEPA/US@EPA, Nate McMichael/DC/USEPA/US@EPA, Allison Dennis/DC/USEPA/US@EPA
Date: 12/31/2012 02:48 PM
Subject: January OAR Policy Calendar

Hi All,

(b) (5)



- 

Please let me know if you have questions, and Happy New Year!



Daniel J. Hopkins
Special Assistant to the Assistant Administrator
Office of Air and Radiation
US Environmental Protection Agency
Phone: 202-564-3277
Cell Phone: 202 379 8531

From: [Drusilla Hufford](#)
To: [Jeanne Briskin](#)
Subject:
Date: 01/25/2007 03:29 PM
Attachments: [suggestedslides.ppt](#)

Jeanne:

(b) (5)



suggestedslides.ppt

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e-mail: hufford.drusilla@epa.gov
<http://www.epa.gov/ozone>

From: [Drusilla Hufford](#)
To: [Cindy Newberg](#); [Ross Brennan](#)
Subject: Quick Redraft
Date: 09/18/2008 08:16 AM
Attachments: [Follow up for OMB_Sept 17 2008.doc](#)

(b) (5)



Please read for content, b/c I'm not at all sure I've gotten it right! Thanks CIndy for the speed (given other demands) of this response.



Follow up for OMB_Sept 17 2008.doc

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<http://www.epa.gov/ozone>

From: [Drusilla Hufford](#)
To: [Rob Brenner](#)
Subject: Re: Cap and Trade
Date: 09/14/2009 03:06 PM

Rob - I'm just back in the office, but I do agree that this is important work. In fact, when you set it beside the new study on N2O - published 8/27/09 in PNAS (b) (5)

[REDACTED]

(b) (5)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Thanks,

Drusilla

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▼ Rob Brenner---09/10/2009 01:27:06 PM---Hi Drusilla, What's your reaction to this? Is it an important and high quality study? Could it

From: Rob Brenner/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA
Cc: Jim Ketcham-Colwill/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA
Date: 09/10/2009 01:27 PM
Subject: Cap and Trade

Hi Drusilla,

What's your reaction to this? Is it an important and high quality study? Could it be significant in helping us justify using Title VI to regulate ghg's?

Thanks,

Rob

----- Forwarded by Rob Brenner/DC/USEPA/US on 09/10/2009 01:23 PM -----

From: "Weinstock, Larry" <Larry.Weinstock@mail.house.gov>
To: Rob Brenner/DC/USEPA/US@EPA
Cc: Jim Ketcham-Colwill/DC/USEPA/US@EPA, Terry Keating/DC/USEPA/US@EPA
Date: 09/10/2009 12:23 PM
Subject: Potentially Very Important Study and Its Impact on Cap and Trade

Rob,

[REDACTED]

[REDACTED]

Hope this is helpful,

Larry

8. SCIENCE: Climate change may cause sharp increase in UV radiation -- study (09/09/2009)

Using computer modeling, climate scientists have found that global warming will lead to a drastic redistribution of the ozone layer in the atmosphere, increasing exposure to the sun's ultraviolet radiation, which can cause cancer, by up to 20 percent in some patches of the world.

Tropical regions should expect a 4 percent increase in ultraviolet radiation, while areas closer to the North Pole will see their exposure drop by 9 percent, University of Toronto researchers Theodore Shepherd and Michaela Hegglin reported in the journal *Nature Geoscience*.

Conversely, areas closest to the South Pole will see their exposure increase by up to 20 percent, equal to almost half of the increase associated with the "ozone hole" over Antarctica that was caused by ozone-destroying chemicals.

The ozone layer is found between 6.2 and 31 miles (10 and 50 kilometers) above the ground and protects the world's animal ecosystems from ultraviolet rays. Beneath 6.2 miles, it is a powerful greenhouse gas.

The recent study, which shows a marked increase in the movement of ozone from the upper to the lower atmosphere, highlights the "urgent" need to better understand how climate change is affecting ozone, said David Stevenson of the University of Edinburgh in a commentary accompanying the report (Margaret Munro, Canwest News Service/Canada.com, Sept. 6). -- **PV**

Larry Weinstock
Legislative Fellow
Rep. Earl Blumenauer (D-OR)

(202) 225-0820
2267 Rayburn House Office Building
Washington, DC 20515

From: [Joel Beauvais](#)
To: [Cheryl Mackay](#)
Cc: [Drusilla Hufford](#); [Jonathan Lubetsky](#); [Laura Vaught](#)
Subject: Re: Fw: Clearing LRM [EHF-112-298] EPA Statement for the Record on HR_-U.S. Agricultural Relief Act (Methyl Bromide) & HR_-Asthma Inhalers Relief Act (Primatene Mist)#630817186#
Date: 07/17/2012 06:12 PM
Attachments: [HEC 7-18-12 Primatene Mist Methyl Bromide passback- Drusilla edits - clean copy \(+icb\).docx](#)

(b) (5)

Thanks for coordinating,
Cheryl.

Joel



▼ Cheryl Mackay---07/17/2012 05:52:53 PM---Joel, Here is my proofread version.

From: Cheryl Mackay/DC/USEPA/US
To: Joel Beauvais/DC/USEPA/US@EPA
Cc: Drusilla Hufford/DC/USEPA/US@EPA, Jonathan Lubetsky/DC/USEPA/US@EPA, Laura Vaught/DC/USEPA/US@EPA
Date: 07/17/2012 05:52 PM
Subject: Re: Fw: Clearing LRM [EHF-112-298] EPA Statement for the Record on HR_-U.S. Agricultural Relief Act (Methyl Bromide) & HR_-Asthma Inhalers Relief Act (Primatene Mist)#630817186#

(b) (5)

Thanks.

Cheryl A. Mackay
U.S. EPA
Office of Congressional Relations
tel: (202) 564-2023
fax: (202) 501-1550

-----Joel Beauvais/DC/USEPA/US wrote: -----

To: Cheryl Mackay/DC/USEPA/US@EPA
From: Joel Beauvais/DC/USEPA/US
Date: 07/17/2012 05:26PM
Cc: Drusilla Hufford/DC/USEPA/US@EPA, Jonathan Lubetsky/DC/USEPA/US@EPA, Laura Vaught/DC/USEPA/US@EPA

Subject: Re: Fw: Clearing LRM [EHF-112-298] EPA Statement for the Record on HR_-U.S. Agricultural Relief Act (Methyl Bromide) & HR_-Asthma Inhalers Relief Act (Primatene Mist)#630817186#

Sounds good - thanks

Cheryl Mackay---07/17/2012 05:25:26 PM---Thanks. (b) (5)

From: Cheryl Mackay/DC/USEPA/US
To: Joel Beauvais/DC/USEPA/US@EPA
Cc: Drusilla Hufford/DC/USEPA/US@EPA, Jonathan Lubetsky/DC/USEPA/US@EPA, Laura Vaught/DC/USEPA/US@EPA
Date: 07/17/2012 05:25 PM
Subject: Re: Fw: Clearing LRM [EHF-112-298] EPA Statement for the Record on HR_-U.S. Agricultural Relief Act (Methyl Bromide) & HR_-Asthma Inhalers Relief Act (Primatene Mist)#630817186#

(b) (5)

Cheryl A. Mackay
U.S. EPA
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tel: (202) 564-2023
fax: (202) 501-1550

-----Joel Beauvais/DC/USEPA/US wrote: -----

To: Cheryl Mackay/DC/USEPA/US@EPA
From: Joel Beauvais/DC/USEPA/US
Date: 07/17/2012 05:24PM
Cc: Drusilla Hufford/DC/USEPA/US@EPA, Jonathan Lubetsky/DC/USEPA/US@EPA, Laura Vaught/DC/USEPA/US@EPA
Subject: Re: Fw: Clearing LRM [EHF-112-298] EPA Statement for the Record on HR_-U.S. Agricultural Relief Act (Methyl Bromide) & HR_-Asthma Inhalers Relief Act (Primatene Mist)#630817186#

(b) (5)

Cheryl Mackay---07/17/2012 05:22:04 PM---(b) (5)
-----Forwarded

From: Cheryl Mackay/DC/USEPA/US
To: Jonathan Lubetsky/DC/USEPA/US@EPA, Joel
Beauvais/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA,
Laura Vaught/DC/USEPA/US@EPA
Date: 07/17/2012 05:22 PM
Subject: Fw: Clearing LRM [EHF-112-298] EPA Statement for the
Record on HR_-U.S. Agricultural Relief Act (Methyl Bromide) & HR_-
Asthma Inhalers Relief Act (Primatene Mist)#630817186#

(b) (5)

-----Forwarded by Cheryl Mackay/DC/USEPA/US on 07/17/2012
05:21PM -----

To: Cheryl Mackay/DC/USEPA/US@EPA
From: "Fitter, E. Holly" (b) (6)
Date: 07/17/2012 05:15PM
Subject: Clearing LRM [EHF-112-298] EPA Statement for the Record on
HR_-U.S. Agricultural Relief Act (Methyl Bromide) & HR_-Asthma
Inhalers Relief Act (Primatene Mist)#630817186#

No further edits – cleared. thanks.

From: Cheryl Mackay [<mailto:Mackay.Cheryl@epamail.epa.gov>]
Sent: Tuesday, July 17, 2012 4:30 PM
To: Fitter, E. Holly
Cc: Detellis, Joseph (DetellisJ@state.gov); Fitzgerald, Betsy A
(FitzgeraldBA@state.gov); Brown, Joshua H. (HHS/OGC)
<Joshua.Brown@HHS.GOV> (Joshua.Brown@HHS.GOV); JUSTICE;
HHS; Clark, Michael C.; Taylor, Velma (OLA)
Subject: EPA response on LRM [EHF-112-298] EPA Statement for the
Record on HR_-U.S. Agricultural Relief Act (Methyl Bromide) & HR_-
Asthma Inhalers Relief Act (Primatene Mist)#630817186#

Here is a clean copy. Thanks everyone.

Cheryl A. Mackay
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Office of Congressional Relations
tel: (202) 564-2023
fax: (202) 501-1550

-----"Fitter, E. Holly" (b) (6) > wrote: -

To: "Fitzgerald, Betsy A (FitzgeraldBA@state.gov)"
<FitzgeraldBA@state.gov>, "Detellis, Joseph
(DetellisJ@state.gov)" <DetellisJ@state.gov>, JUSTICE
<justice.lrm@usdoj.gov>, "Taylor, Velma (OLA)"
<Velma.Taylor@usdoj.gov>, HHS <lrm@hhs.gov>, "Brown,
Joshua H. (HHS/OGC) <Joshua.Brown@HHS.GOV>
(Joshua.Brown@HHS.GOV)" <Joshua.Brown@HHS.GOV>,
"Clark, Michael C." (b) (6)
From: "Fitter, E. Holly" (b) (6)
Date: 07/17/2012 04:23PM
Cc: Cheryl Mackay/DC/USEPA/US@EPA
Subject: EPA response on LRM [EHF-112-298] EPA Statement
for the Record on HR_-U.S. Agricultural Relief Act (Methyl
Bromide) & HR_-Asthma Inhalers Relief Act (Primatene
Mist)#630817186#

(b) (5)

[REDACTED]

[REDACTED]

(b) (5)



[attachment "HEC 7-18-12 Primatene Mist Methyl Bromide passback-Drusilla edits.docx" removed by Cheryl Mackay/DC/USEPA/US]
[attachment "HEC 7-18-12 Primatene Mist Methyl Bromide passback-Drusilla edits - clean copy.docx" removed by Cheryl Mackay/DC/USEPA/US][attachment "HEC 7-18-12 Primatene Mist Methyl Bromide passback- Drusilla edits - clean copy.docx" deleted by Joel Beauvais/DC/USEPA/US]

From: [Joseph Goffman](#)
To: [Jackie Krieger](#)
Cc: [David Donaldson](#); [Drusilla Hufford](#); [Luke Hall-Jordan](#); [Sarah Dunham](#)
Subject: Re: Fw: Important: Review Revised HCFC Rule Language
Date: 12/14/2012 04:16 PM
Attachments: [EO12866 CAA Part 82A 2060 AQ98 FINAL FRN 20121214 changes.docx](#)

I'm so sorry. I have had the pages with the changes up on my screen since about 11:22 this AM and just haven't been able to spend more than about 30 seconds on it. Will get you any feedback I may have before COB. Thanks for the quick response.

Joseph Goffman
Senior Counsel to the Assistant Administrator
Office of Air and Radiation
US Environmental Protection Agency
202 564 3201

▼ Jackie Krieger---12/14/2012 04:07:42 PM---Joe - to make is easier for you to review, here's the revised language, copied from the file - let u

From: Jackie Krieger/DC/USEPA/US
To: Joseph Goffman/DC/USEPA/US@EPA
Cc: Sarah Dunham/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA, David Donaldson/DC/USEPA/US@EPA, Luke Hall-Jordan/DC/USEPA/US@EPA
Date: 12/14/2012 04:07 PM
Subject: Fw: Important: Review Revised HCFC Rule Language

Joe - to make is easier for you to review, here's the revised language, copied from the file - let us know as soon you're good with this so that we can get it to OP.

Page 55 - HCFC-22 Consumption Allowances in 2012

(b) (5)



(b) (5)



----- Forwarded by Jackie Krieger/DC/USEPA/US on 12/14/2012 04:00 PM -----

From: Luke Hall-Jordan/DC/USEPA/US
To: Joseph Goffman/DC/USEPA/US@EPA
Cc: Don Zinger/DC/USEPA/US@EPA, Sarah Dunham/DC/USEPA/US@EPA,
Jackie Krieger/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA,
David Donaldson/DC/USEPA/US@EPA
Date: 12/14/2012 11:20 AM
Subject: Important: Review Revised HCFC Rule Language

Hi Joe,

Great suggestion. We modified pages 55 and 60-61 accordingly (see attachment). Please let us know if you are comfortable with this language, or if you would like us to make additional changes so we can get this revised copy to OP.

Best,
Luke

Luke Hall-Jordan
U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW (MC-6205J)
Washington, DC 20460
Office: 202-343-9591
Cell: 202-230-7589



----- Forwarded by Drusilla Hufford/DC/USEPA/US on 12/14/2012 08:41 AM -----

From: Joseph Goffman/DC/USEPA/US
To: Sarah Dunham/DC/USEPA/US@EPA, Drusilla
Hufford/DC/USEPA/US@EPA
Date: 12/13/2012 08:27 PM
Subject: HCFC 22 -- suggested edit

(b) (5)

A large rectangular black box redacting the majority of the email body. The text "(b) (5)" is written in red at the top left of this box. The box has a jagged right edge, suggesting it was drawn over the text.

Thanks.

Joseph Goffman
Senior Counsel to the Assistant Administrator
Office of Air and Radiation
US Environmental Protection Agency
202 564 3201

From: [Paul Horwitz](#)
To: [Drusilla Hufford](#)
Subject: Re: Latest 2010-2012 update
Date: 10/15/2012 08:41 AM

Thanks Drusilla

(b) (5)

A large rectangular area of the email body is completely redacted with black ink.A rectangular area of the email body is completely redacted with black ink.A rectangular area of the email body is completely redacted with black ink.A rectangular area of the email body is completely redacted with black ink.A rectangular area of the email body is completely redacted with black ink.

-----Drusilla Hufford/DC/USEPA/US wrote: -----

To: Paul Horwitz/DC/USEPA/US@EPA
From: Drusilla Hufford/DC/USEPA/US
Date: 10/15/2012 08:06AM
Subject: Re: Latest 2010-2012 update

(b) (5)

A large rectangular area of the email body is completely redacted with black ink.A rectangular area of the email body is completely redacted with black ink.A rectangular area of the email body is completely redacted with black ink.

(b) (5)



Thanks,

Drusilla

Drusilla Hufford
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e-mail: hufford.drusilla@epa.gov
<http://www.epa.gov/ozone>

From: [Drusilla Hufford](#)
To: [Jeremy Arling](#)
Cc: [David Donaldson](#); [Elisa Rim](#); [Kristinn Vazquez](#)
Subject: Re: MBAO Presentation
Date: 10/14/2011 07:27 AM
Attachments: [MBAO 2011 Slides 10.13.pptx](#)

Jeremy - I like this a lot. I think it covers the main issues, but does not go where it need not. I don't know this audience, so I don't know how helpful this idea is: (b) (5)

[REDACTED]

Elisa, what do you think?

Thanks Jeremy for a great job!

Drusilla

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fax: 202-343-2363
e-mail: hufford.drusilla@epa.gov
<http://www.epa.gov/ozone>

▼ Jeremy Arling---10/13/2011 04:50:49 PM---Kris and Drusilla Here is a draft of my presentation for the Methyl Bromide Alternatives Outreach co

From: Jeremy Arling/DC/USEPA/US
To: Kristinn Vazquez/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA
Cc: David Donaldson/DC/USEPA/US@EPA, Elisa Rim/DC/USEPA/US@EPA
Date: 10/13/2011 04:50 PM
Subject: MBAO Presentation

Kris and Drusilla

Here is a draft of my presentation for the Methyl Bromide Alternatives Outreach conference plenary at the end of October. Please take a look. Bill Chism will be speaking later in the plenary session about the nominations, alternatives, and the need for data (b) (5).



Jeremy Arling
U.S. EPA
Stratospheric Protection Division
Office of Atmospheric Programs
Mail Code: 6205J
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Washington, D.C. 20460-0001
202-343-9055
arling.jeremy@epa.gov

From: [Drusilla Hufford](#)
To: [Cindy Newberg](#)
Subject: 615
Date: 05/08/2008 07:37 AM
Attachments: [Section 615.doc](#)

new text



Section 615.doc

Drusilla Hufford
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fax: 202-343-2363
e-mail: hufford.drusilla@epa.gov
<http://www.epa.gov/ozone>

From: [Drusilla Hufford](#)
To: [James Havard](#)
Subject: 615
Date: 08/20/2008 03:06 PM
Attachments: [Brian615PCPup.ppt](#)

Here tis:



Brian615PCPup.ppt

Thanks again, very much, for being willing to come over for tomorrow's 9 a.m. with Brian.

Drusilla

Drusilla Hufford
U.S. EPA
Mailing address
1200 Pennsylvania Avenue, NW (6205J)
Washington, DC 20460
Office location and express mail delivery
1310 L St., NW
Washington, DC 20005
tel: 202-343-9101
cell: 202-253-2243
fax: 202-343-2363
e-mail: hufford.drusilla@epa.gov
<http://www.epa.gov/ozone>

From: [Jeremy Arling](#)
To: [Drusilla Hufford](#)
Cc: [David Donaldson](#)
Subject: 2013 MeBr Package
Date: 06/28/2012 01:51 PM
Attachments: [13 CUE NPRM - Desk statement.doc](#)
[13 CUE NPRM- OP Memo.doc](#)
[13 CUE NPRM - Fact Sheet.doc](#)
[13 CUE NPRM - Comm Strategy.doc](#)
[13 CUE NPRM - Action Memo.doc](#)
[13 CUE NPRM - Transmittal memo - OAP to OAR.doc](#)
[EO12866MethylBromideCUE2060-AR83NPRM20120626.docx](#)

Drusilla

I left a copy of the OMB package for the 2013 rule on your chair. Here are the electronic files if you care to review.



Jeremy Arling
U.S. EPA
Stratospheric Protection Division
Office of Atmospheric Programs
Mail Code: 6205J
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460-0001
202-343-9055
arling.jeremy@epa.gov

From: [David Donaldson](#)
To: [Frey, Nathan J.](#); [Lee, Amanda L.](#)
Cc: [Ann Johnson](#); [Drusilla Hufford](#); [Jeremy Arling](#); [JohnB Chamberlin](#)
Subject: 2013 Methyl Bromide Critical Use Exemption Rule
Date: 11/02/2012 11:51 AM
Attachments: [EO12866MethylBromideCUE2060-AR41NPRM20121102Redline.docx](#)

Nathan and Amanda,

Attached below is the revised 2013 Methyl Bromide Critical Use Exemption Rule.
Please let me know if you have questions.



David Donaldson, Chief
Stratospheric Program Implementation Branch
Stratospheric Protection Division
US Environmental Protection Agency
202-343-9086

November 22, 2011

Honorable Pat Roberts
109 Hart Senate Office Building
Washington, DC 20510-1605
RE: S. 1752 Freedom to Breathe Act of 2011

Honorable Lisa Jackson
Administrator
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460

Honorable Jim DeMint
167 Russell Senate Office Building
Washington, DC 20510
RE: Amendment OTC Epinephrine Inhalers

The Honorable Margaret H. Hamburg, M.D.
Commissioner
Food and Drug Administration
10903 New Hampshire Avenue
Silver Spring, MD 20993

Dear Senator Roberts, Senator DeMint, Administrator Jackson and Commissioner Dr. Hamburg:

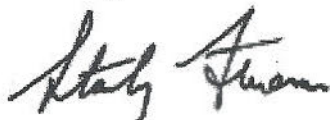
The United States Food and Drug Administration's decision to remove over the counter epinephrine asthma inhalers will take effect on January 1, 2012. This action has been proposed to eliminate the CFC propellants in inhalers that could affect the ozone layer. Over the counter epinephrine is the only asthma inhaler remaining on the market with a CFC propellant. All other manufacturers of asthma medications have switched to different delivery systems and have eliminated CFC propellants from their metered doses inhalers in favor of HFA which likely does not effect the environment. We would like to see that inhaled epinephrine is banned since it is not in patients' best interest to use this product to manage their asthma symptoms.

Optimal asthma care requires consultation with health care professionals including asthma specialists and the use of appropriate medications. Evidenced based guidelines do not recommend the use of inhaled epinephrine for treatment or control of either acute or chronic asthma symptoms.

It is important to recognize that appropriate care of asthma with more effective rescue medications and chronic controller medications will ultimately decrease morbidity and mortality due to this common disease. Not only will this benefit patients, but this will provide considerable cost savings to the health care system and the economy as a whole due to decreases in lost productivity at work and school, urgent care visits and hospitalizations, all of which result from inadequate asthma control.

In summary, although the cost of epinephrine inhalers are approximately 50 -70% less than prescription albuterol, the use of these inhalers for the management of asthma will ultimately cost the health care system considerably more and imperil the lives of those patients with asthma who rely on this treatment and do not seek the most appropriate care. As representatives of asthma specialists, we support the removal of over the counter epinephrine inhalers from the market and urge optimal care for patients with asthma.

Sincerely,



Stanley M. Fineman, MD, MBA
President, ACAA



Dennis K. Ledford, MD
President, AAAAI

November 22, 2011

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109 Hart Senate Office Building
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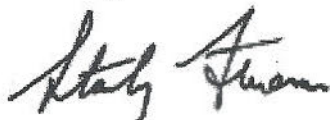
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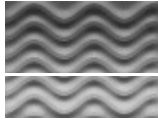
Sincerely,



Stanley M. Fineman, MD, MBA
President, ACAA



Dennis K. Ledford, MD
President, AAAAI



{In Archive} SunWise News Roundup October 22, 2008

Ilona Melstrads to:

Bcc: Drusilla Hufford

10/22/2008 03:02 PM

Archive:

This message is being viewed in an archive.



News Roundup Wednesday October 22, 2008

Skin cancer prevention / awareness: events

Reducing indoor tanning

Focus on appearance helps indoor tanners cut down.

Study by Dr. J. Hillhouse of East Tenn. State suggests that "giving young indoor tanning enthusiasts the ugly truth about how ultraviolet light can affect their skin's appearance, as well as offering alternatives to the bronzed look, can help them to reduce their tanning bed use...." October 21, 2008
<http://www.reuters.com/article/healthNews/idUSTRE49K60G20081021>

Prospect of Wrinkles Is Enough to Put Young People Off Indoor Tanning.

"Female college students reduced their use of indoor tanning by more than 35% after receiving a booklet that highlighted prematurely aged withered skin as an effect of tanning and ultraviolet radiation exposure.... The 24-page booklet emphasized tanning abstinence and offered alternatives to improve appearance...." October 20, 2008
<http://www.medpagetoday.com/HematologyOncology/SkinCancer/11381>

Educational Materials Can Alter Young Women's Attitudes About Tanning, May Reduce Skin Cancer.

"The researchers included approximately 430 female university students aged 17 to 21 years, 200 of whom received a booklet on the effects of indoor tanning." October 20, 2008
<http://www.sciencedaily.com/releases/2008/10/081020093406.htm>

Educational materials can alter young women's attitudes about tanning, may reduce skin cancer.

"The study is published in the December 1, 2008 issue of *CANCER*, a peer-reviewed journal of the American Cancer Society." October 20, 2008
http://www.eurekalert.org/pub_releases/2008-10/acs-emc101508.php

YouTube: Tanning Beds Touted as Healthy.

Dermatologists concerned about findings by Dr. Hossler and Dr. Conroy in *Arch. of Dermatology*. Showed that "videos touting the benefits of roasting one's skin in a tanning bed outnumber those warning of ultraviolet dangers by nearly 3 to 1 on YouTube." October 20, 2008
<http://news.health.com/2008/10/20/youtube-tanning-beds-touted-as-healthy/>

Tanning legislation and controversies in U.S.A. and abroad

Tanning providers face new regulations.

In 2009 the NY state Health Department "plans to begin regulating operations that provide tanning services ... to make sure people are aware of the potential risks of tanning...." Public comments

accepted "until mid-November." October 18, 2008
http://www.dailygazette.com/news/2008/oct/18/1018_tanning/

Tanning bed group opposes teenager ban.

Canadian tanning industry objects to Ontario bill 83 restricting teen tanning. Claims restrictions will increase sunburns. October 16, 2008
http://www.upi.com/Health_News/2008/10/16/Tanning_bed_group_opposes_teenager_ban/UPI-94701224166308/

JCTA Says Ontario Bill Would Hurt Teens, Not Help Them.

Joint Canadian Tanning Association claims indoor "tanners sunburn less than non-tanners, including teenagers who tan outdoors. Canada's indoor tanning facilities are at the forefront in teaching teenagers outdoor sunburn prevention, including the proper use of sunscreens to prevent sunburn." October 20, 2008
<http://www.lookingfit.com/hotnews/jcta-says-ontario-bill-would-hurt-teens.html>

Tanning Community: Ontario Bill Would Hurt Teens, Not Help Them.

October 16, 2008
<http://www.cnw.ca/fr/releases/archive/October2008/16/c6219.html>

SunSmart: Not So Smart?

"The Indoor Tanning Association NZ Inc (INTANZ) says it is 'extremely keen' to work together with SunSmart and The Cancer Society to improve public health outcomes for skin cancer." Tanning industry claims population deficient in vitamin D.. October 22, 2008
<http://www.scoop.co.nz/stories/BU0810/S00462.htm>

Other events in U.S.A. and abroad

Melanoma Survivor on Mission to Increase Awareness: Mark Rogan, CCMAC Board Member.

Mr. Rogan young when diagnosed with melanoma. "For the past eight years he has gone for CT Scans, PET Scans, chest X-rays ... at NYU every three to six months...." Now works with Colette Coyne Melanoma Awareness Campaign, in memory of 30-year melanoma victim. CCMAC's 10th Annual Gala Dinner Dance & Charity Auction on October 24. October 17, 2008
<http://www.antonnews.com/westburytimes/2008/10/17/news/>

Running Focus: This year's schedule winding down.

Still left is the Alan Sundberg 5K for the Florida Skin Cancer Foundation. "The 2008 race will be the 10th year that Bill Sundberg has watched this race go off in honor of his brother Alan who lost his life to skin cancer." October 22, 2008
<http://www.tallahassee.com/article/20081022/SPORTS/810220330/1002/SPORTS>

Sun Safety Champions Team Up With LPGA Tour Pro Paula Creamer.

"Play Safe in the Sun Volunteers Mount Winning Effort to Fight Skin Cancer at LPGA's Samsung World Championship Where Sun Safety Ambassador Paula Creamer Triumphs." Volunteers of the Women's Dermatologic Society in partnership with L'Oreal USA. October 17, 2008
<http://in.sys-con.com/node/713946>

Kayla Collier: Miss Florida Teen USA 2009 and Cancer Survivor.

"At age 16, the teen ... was diagnosed with skin cancer. Now at 18, she has not only beaten the disease, she is also an advocate for teen cancer prevention. Kayla plans to use her new Miss Florida Teen USA title to inform other young people about the dangers of excessive tanning...." October 17, 2008
<http://www.marketwatch.com/news/story/kayla-collier-miss-florida-teen/story.aspx?guid=%7BB6CFD380-D55A-4905-A5DE-700747E30DD1%7D&dist=hppr>

Skin cancer awareness

Fight cancer through looking glass.

"When it comes to melanoma, vanity may be a virtue. The most direct method for detecting this deadly skin cancer is to face a mirror, clothes off, and check for suspicious moles from head to toe" October 19, 2008

http://timesofindia.indiatimes.com/HealthSci/Fight_cancer_through_looking_glass/articleshow/3616188.cms

NZ Health Professionals Flock to Melanoma Summit.

In Wellington on November 14. October 21, 2008

<http://www.voxxy.co.nz/national/nz-health-professionals-flock-melanoma-summit/5/4399>

Skin cancer data and risk

Men ignoring melanoma risks.

"A surgeon has warned that complacency is to blame for an increase in the number of Kiwis contracting life-threatening melanoma.... While most patients are European, Shaw's surveys show an increase in cases in all ethnic groups." October 19, 2008

http://www.nzherald.co.nz/health/news/article.cfm?c_id=204&objectid=10538276

'Atlas of death' bodes well for Sussex.

Univ. of Bristol and Sheffield "compiled data on almost 15 million deaths from 1981 to 2004 and mapped them according to age, location and cause." Although people "in Sussex live longer than in most other areas of the country.... county had higher levels of skin cancer compared with other parts of the country...." October 21, 2008

http://www.theargus.co.uk/news/3777362._Atlas_of_death__bodes_well_for_Sussex/

Rx for Readers. Second question.

Whether a particular form of UVB phototherapy safe for psoriasis. October 17, 2008

<http://www.jpost.com/servlet/Satellite?cid=1222017565768&pagename=JPost%2FJPArticle%2FShowFull>

UV, ozone layer

Angola: Ozone Layer Discussed at Sweden Workshop.

"Ozone layer protection, environmental technology, water quality ... are some of the topics being tackled at a course on management of hydric resources," reports Angolan attendee. October 16, 2008

<http://allafrica.com/stories/200810170031.html>

The knives come out for Dion.

Defeated Canadian Liberal party leader is remembered for his contribution to Montreal protocol earlier in his career as a cabinet minister. October 17, 2008

<http://www.canada.com/montrealgazette/news/story.html?id=0b37011d-93f6-4435-aa44-6b7d84666744>

[U.S.] EPA reaches agreement with Vesuvius on clean-air violations

"The agreement resolves EPA allegations that Vesuvius violated ... leak repair, testing and planning requirements for one of its industrial process refrigeration units that leaked excessive amounts of ozone-depleting refrigerant from August 2002 until September 2003." October 20, 2008

<http://www.exchangemagazine.com/morningpost/2008/week43/Monday/102009.html>

Puron Refrigerant from Carrier Offers Solution to R-22 Phase-Out.

"The year 2010 marks an important U.S. milestone for ozone protection with the phase out of R-22, an ozone depleting refrigerant used in some new air-conditioning systems for more than four decades."

October 20, 2008

<http://www.webwire.com/ViewPressRel.asp?ald=77794>

EPA deadline looms for soil-fumigant comments. Agency open to suggestions on implementing rules.

The agency's new restrictions affect use of chloropicrin, methyl bromide and other products. Aimed at worker and community safety, but buffer zones may create problems for growers. October 16, 2008
<http://www.capitalpress.info/main.asp?SectionID=67&SubSectionID=782&ArticleID=45418&TM=69170.09>

Nigeria: A Case for Niger Delta Ministry.

The problems of the Niger Delta, including its history of gas flaring. Suggests the practice not only adversely affects the climate but also ozone layer. Does not mention any specific chemicals from gas flaring that would affect ozone layer. October 20, 2008
<http://allafrica.com/stories/200810200395.html>

Djelic, Rockefeller Brothers Fund delegation meet.

A topic discussed by Serbian official and Rockefeller Brothers Fund: Serbian policy on ozone layer protection. October 17, 2008
<http://www.emportal.co.yu/en/news/serbia/66010.html>

UV and eyes

Eye on Eye Health.

"The same UV rays that can harm your skin can also hurt your eyes. Always wear sunglasses, and make sure they say they have UV protection." October 18, 2008
<http://www.cbsnews.com/stories/2008/10/18/earlyshow/health/main4530717.shtml>

Winter and SAD

Is there any such thing as the winter blues? Experts shed new light on SAD condition.

Article seems to go from sublime to ridiculous. Scandinavian and Scottish skeptics doubt existence of SAD. A Univ. of London professor suggests people might go to tanning salons to get vitamin D. October 20, 2008
<http://www.dailymail.co.uk/health/article-1079245/Is-thing-winter-blues-Experts-shed-new-light-SAD-condition.html>

General biomedical and cancer research

Scientists Enhance Immune System Attacks on Cancer.

"The problem with cancer is that it becomes part of what the immune system identifies as 'self' and there are ways the body learns to tolerate 'self' to prevent immune attack," from Dr. L. Sherman of Scripps. Research studies from *Proc. of the National Academy* of October 21, 2008
<http://www.sciencedaily.com/releases/2008/10/081021185215.htm>

Evolution of Genes that Trigger the Body's Immune Response to Viral Infection.

Virginia Commonwealth Univ. researchers found evolutionary origin of a unique mechanism protecting against viral infection. The "melanoma differentiation associated gene-5 (MDA-5) and retinoic acid inducible gene-I (RIG-I) originated specifically in mammals. These genes induce the production of type I interferons." October 21, 2008
<http://www.sciencedaily.com/releases/2008/10/081021120951.htm>

Biological Drugs Not Without Risks.

Study in *J. of the Amer. Med. Association* shows that "biological drugs, especially the pioneering ones, may have safety issues that come to light after the drugs' approval." Also discusses reasons. "Many biological drugs work on the immune system, and immune system problems (such as greater infection risk) were the most common safety issues that drew regulatory action." October 21, 2008
<http://www.webmd.com/news/20081021/biologic-drugs-not-without-risks>

For many biological drugs, 'on the market' doesn't mean safe.

"Nearly one in four recently approved products in a relatively new class of medicines needed some type of regulatory action because of safety issues that arose after they came on the market...." October 21, 2008

http://www.usatoday.com/news/health/2008-10-22-biological-medicines-safety_N.htm

On new skin cancer research

T Cell Response To New Melanoma Antigen Linked To Relapse-free Survival.

"The French team, lead by Dr. Nathalie Labarriere, studied the infused cells from 30 stage III melanoma patients who had received adoptive immunotherapy between 1994 and 1998. Among the cells taken from a patient who has remained tumor-free for more than a decade, they found naturally-arising T cells that recognized a new protein, which they dubbed "meloe-1." October 22, 2008

<http://www.sciencedaily.com/releases/2008/10/081020093400.htm>

T cell response to new melanoma antigen linked to relapse-free survival

Above study. "Melanoma patients infused with a special type of tumor-fighting T cell are more likely to survive without relapse...." Online on October 20 in the *J. of Experimental Medicine* . October 20, 2008

http://www.eurekalert.org/pub_releases/2008-10/rup-tcr100908.php

Cancer-Fighting Cells Discovered.

Above study. "Adoptive immunotherapy is a treatment option for patients with late-stage melanoma. It involves removing natural cancer-fighting T cells from a tumor and placing them in culture dishes to multiply. The T cells are then injected back into the patient to fight the tumor." October 20, 2008

http://www.ivanhoe.com/channels/p_channelstory.cfm?storyid=19951

Chronic inflammation can help nurture skin cancer, study shows.

Dr. A. Mellor of Medical College of Georgia and Drs. Prendergast and Muller of Lankenau Institute show what while the inflammation response should help prevent tumors, "an enzyme that works like a firefighter to keep inflammation under control, can be commandeered to protect early malignant cells...." The enzyme IDO "favors the tumor: The immune system basically sits back and watches the tumor grow...." October 21, 2008

October 21, 2008

<http://www.genengnews.com/news/bnitem.aspx?name=43918241>

Additional recent articles on skin cancer items listed in earlier roundups

Vitamin D receptor gene linked to risk for melanoma.

October 22, 2008

<http://www.hemonctoday.com/article.aspx?rid=32150>

Skin cancer detection and treatment

Failure to Diagnose Cancer.

Melanoma is one example of a cancer that responds "especially well to early treatment and diagnosis in most cases." Brief note on what an exam should cover – says exam should include oral cavity. Article is from a law firm specializing in medical negligence cases. October 21, 2008

<http://www.bestsyndication.com/?q=node/18536>

Cancer patient joins the fight for scanner.

Businessman "has joined doctors, politicians and community members in the campaign to get a PET/CT scanner for the Northern Rivers.... For melanoma there is no blood test available, so you need a PET scan...." October 21, 2008

<http://www.northernstar.com.au/story/2008/10/22/cancer-patient-joins-the-fight-for-scanner/>

Industry, economics

Hospital using electricity to fight cancer.

"Bridgeport Hospital is ... participating in an international trial of a novel cancer therapy that kills tumor cells with low levels of electricity....The study, in the U.S. and Europe, is being financed by NovoCure, a privately held company founded by an Israeli professor in 2000." Could be potentially useful for melanoma. October 22, 2008

<http://www.nhregister.com/articles/2008/10/22/news/a3-electumor.txt>

Peplin's acquisition of Neosil complete.

Total cash "will be sufficient to fund completion of the ongoing Phase III testing of Peplin's lead product, PEP005 (ingenol mebutate) Gel for actinic keratosis (AK)...." October 20, 2008

<http://www.pharmalive.com/News/index.cfm?articleid=578529&categoryid=54>

Research and Markets: Currently Druggable in Melanoma: a Drug Target Competitive Analysis Reports on 94 Unique Drug Target Combinations.

"... [F]or you to identify your competition and understand which targeting strategies are at work within melanoma drug development." October 16, 2008

<http://www.marketwatch.com/news/story/research-markets-currently-druggable-melanoma/story.aspx?guid=%7B793949B7-7877-4DA7-B494-7E4243C88E0B%7D&dist=hppr>

Cause marketing matters to consumers

Customers "want to know that you share their desire to make the world a better place by supporting an important cause." Money not enough - work needed. Also, select a cause that relates to your company, as P&G did in joining Amer. Society for Dermatologic Surgery to help women protect skin from sun.

October 20, 2008

<http://www.msnbc.msn.com/id/27280623/>

Articles focused on individuals

Hwang Appointed Chairman of Dermatology at The Medical College of Wisconsin.

Sam T. Hwang, M.D., Ph.D. is "an internationally recognized researcher in skin cancer biology...."

October 18, 2008

<http://www.wauwatosanow.com/story/index.aspx?id=807539>

Reinhart undergoes treatment.

President of St. John's University is treated at Mayo Clinic for stage 4 melanoma. October 16, 2008

<http://www.users.csbsju.edu/record/2008/10/reinhart-undergoes-treatment/>

President of St. John's University retiring.

October 16, 2008

http://minnesota.publicradio.org/display/web/2008/10/16/sju_president/

Veteran Radio Newsmen Keeps Info Flowing From Home Studio Despite Cancer Fight.

What exactly Charlie Stuchell does daily as a radio newsmen, now that his melanoma has spread.

October 19, 2008

http://www.tricities.com/tri/news/local/article/veteran_radio_newsmen_keeps_info_flowng_from_home_studio_despite_cancer_fi/15236/

Troy man hit by melanoma to bike to raise money.

"Fred Synk is still a triathlete. A recurrence of melanoma and surgery to treat it this summer only sidelined him temporarily from competitions...." To raise money for melanoma research, goes on a "325-mile ride ... from Pittsburgh to Cumberland, Md...." October 21, 2008

<http://www.freep.com/apps/pbcs.dll/article?AID=/20081021/NEWS01/810210383>

Sunbed 'addict' who loved tanning dies of skin cancer aged 44

"The desperate quest for a perfect tan cost hairdresser Dorne Graydon her life." Began tanning at 17 and could not stop. October 19, 2008

<http://www.mirror.co.uk/news/top-stories/2008/10/19/sunbed-addict-who-loved-tanning-dies-of-skin-cancer-aged-44-115875-20820310/>

Mum's death from sunbed use sparks family warning.

October 18, 2008

<http://www.chroniclive.co.uk/north-east-news/todays-evening-chronicle/2008/10/18/mum-s-death-from-sunbed-use-sparks-family-warning-72703-22063918/>

Fulton church will host benefit for Nears.

An Iowa church member has been diagnosed with melanoma and is being treated at Mayo Clinic.

October 16, 2008

http://www.clintonherald.com/local/local_story_290102835.html

Bowden Treated For Skin Cancer.

"The Nats GM learned he had skin cancer in June, but he elected to delay treatment until the end of the season -- a decision he now regrets. The good news is, doctors believe they've removed all cancerous growth." October 21, 2008

http://voices.washingtonpost.com/nationaljournal/2008/10/bowden_treated_for_skin_cancer.html

Bowden feeling good after cancer scare.

"A biopsy revealed squamous cell carcinoma. According to the Memorial Sloan-Kettering Cancer Center, the disease is the second most common form of skin cancer, accounting for about 20 percent of skin cancers in the U.S." October 21, 2008

http://mlb.mlb.com/news/article.jsp?ymd=20081021&content_id=3635940&vkey=news_mlb&fext=.jsp&c_id=mlb

Pals pitching in for Josh.

Friends reconstitute their teenage football [soccer] team after 20 years to support a pal [aged 37] suffering from incurable skin cancer." No moles – just pain in his back and arm. Melanoma diagnosed after everything else ruled out. October 22, 2008

<http://www.thestar.co.uk/news/Pals-pitching-in-for-Josh.4613468.jp>

A Lifetime of Community Service.

Former city Commissioner, who died at 49 of choroidal melanoma, "was remembered last week by friends, family and colleagues as a leader who had a lifetime of community service." October 22, 2008

<http://plantcity2.tbo.com/content/2008/oct/22/pc-a-lifetime-of-community-service/>

Running for my life: 1 woman's race against time.

Repeat of well-written article that first appeared last week. October 18, 2008

<http://www.iht.com/articles/ap/2008/10/18/america/Running-for-My-Life.php>

Heather Van Nest, Anchor.

Ms. Van Nest writes about herself in third person. She received "an Edward R. Murrow Award for 'Risky Rays: Don't Get Burned,' a news documentary on skin cancer. The American Academy of Dermatology also recognized her efforts on preventing and detecting skin cancer with a national Gold Triangle Award." October 20, 2008

<http://www.tampabay10.com/news/mostpop/story.aspx?storyid=27632&provider=top>

Vitamin D – benefits and sources

How Much Sun Does It Take to Make Vitamin D?

Why pregnant women and breastfeeding moms cannot just increase their own Vitamin D intake, rather than give supplements to babies, and other questions answered. "The Norwegian Institute for Research has an online calculator to help you figure out if there's enough sunlight for you to start synthesizing Vitamin D at a particular location." October 17, 2008

<http://www.usnews.com/blogs/on-parenting/2008/10/17/how-much-sun-does-it-take-to-make-vitamin-d.html>

Double dose of vitamin D for kids.

On the new recommendations from pediatricians. Ends by saying sunlight best source. This is not quite what pediatricians said. October 19, 2008

<http://abclocal.go.com/kabc/story?section=news/health&id=6457478>

Parkinson's disease 'affected by vitamin D.'

"Scientists found that lower blood levels of the vitamin were more common in people with Parkinson's than healthy individuals. But whether vitamin D deficiency was a cause of Parkinson's or resulted from it still had to be determined..... [T]he link between Parkinson's and vitamin D could arise because of the poor mobility of elderly patients." October 20, 2008

<http://www.chroniclive.co.uk/lifestyle/2008/10/20/parkinson-s-disease-affected-by-vitamin-d-72703-22060992/>

Oral Vitamin D May Help Prevent Skin Infections by Inducing Cathelicidin Production.

October 20, 2008

<http://www.medinewsdirect.com/?p=594>

Shadowy deficiency.

Discusses differing recommendations for vitamin D. October 21, 2008

<http://www.canada.com/topics/bodyandhealth/story.html?id=4a3db4b5-8a90-40c3-8697-1374139803e3>

Monthly vitamin D supplement safe and effective.

"A single high dose of vitamin D given every four weeks is as safe as smaller daily or weekly doses, and is as effective in achieving adequate circulating levels of the vitamin, according to a study conducted in Israel." Can choose dose to "optimize an individual's adherence...." October 21, 2008

<http://www.reuters.com/article/healthNews/idUSTRE49K7W720081021>

Achieving recommended amounts of Vitamin D.

Explains why your child may already be close to getting the newly-recommended 400 IU's per day.

October 16, 2008

<http://www.examiner.com/x-989-Atlanta-Holistic-Parenting-Examiner~y2008m10d16-Achieving-recommended-amounts-of-Vitamin-D>

Chicago Physician Dr. Mayer Eisenstein Agrees That Children Need More Vitamin D, But He Says 10 Times More than Previous.

Instead of 400 IU, need at least 2,000, based on research at Amer. Univ. of Beirut. October 17, 2008

<http://www.expertclick.com/NewsReleaseWire/default.cfm?Action=ReleaseDetail&ID=23612>

Yoplait(R) Yogurt is the Only Leading Yogurt with Vitamin D and Calcium in Every Cup.

Yoplait and recent studies on need for vitamin D supplementation. October 21, 2008

<http://www.tradingmarkets.com/.site/news/Stock%20News/1957740/>

Tanning – UV and non-UV

Photodynamic Therapy May Improve Appearance of Aging Skin.

October *Archives of Dermatology* . "The deleterious effects of exposure of the skin to [ultraviolet] irradiation are well established," from Dr. J. S. Orringer of Univ. of Michigan. Team studied 25 adults with skin damage and reports technical findings of change from PDT. October 20, 2008

<http://www.medscape.com/viewarticle/582292>

Forever Tan to Sponsor Southeast Tanning Expo in Orlando.

October 18, 2008

<http://www.prweb.com/releases/2008/10/prweb1485344.htm>

Biddiscombe International Releases Organic Sunless Solutions for VersaSpa® Tanning Booths.

Spray tan products for use in VersaSpa tanning booths. October 19, 2008

<http://www.prweb.com/releases/2008/10/prweb1489454.htm>

Sunscreen

What does SPF mean on my sunscreen?

"SPF refers to how long a person can stay in the sun before getting a sunburn." October 20, 2008

http://www.dailybreeze.com/lifeandculture/ci_10762980

Tips to help parents keep kids safe this Halloween.

In Florida, "don't forget to apply sun block to any exposed skin if they are going to be out in the sun for a long period of time." October 16, 2008

<http://www.examiner.com/x-1094-Miami-Parenting-Resources-Examiner~y2008m10d15-Tips-to-help-parents-keep-kids-safe-this-Halloween>

Author has dark view of chocolate claims. Near the end of an article on many items.

The Healthy Skeptic again: "Sunscreen should not be a first defense." Avoid sun, wear protective clothing. October 21, 2001

<http://www.miamiherald.com/living/story/734261.html>

Pay lip service to nasty cold sores.

"The triggers that cause cold sores vary from person.... If you know them, try to avoid your triggers. For example, a sun block lip balm (SPF 15-plus) may help to prevent cold sores triggered by bright sunlight." October 20, 2008

<http://www.independent.ie/health/pay-lip-service-to-nasty-cold-sores-1503535.html>

Other protective products

Coolibar Products Earn Continued Endorsement from Skin Cancer Foundation.

"Coolibar's entire product line received the Foundation's recommendation after rigorous independent testing affirmed each product's 50+ ultraviolet protection factor rating." October 21, 2008

<http://www.marketwatch.com/news/story/coolibar-products-earn-continued-endorsement/story.aspx?guid=%7B979DDE62-C8C6-418F-BE27-815396C5566D%7D&dist=hppr>

4th Annual Focus on Leukemia, Lymphoma & Myeloma Conference.

"Colleen Dougherty Bronstein, a malignant melanoma survivor and artist, has launched site 'Sun Safe Designer Clothing,' and has teamed up with the Abramson Cancer Center of the University of Pennsylvania as an advocate for sun safe awareness." October 21, 2008

http://pr-canada.net/index.php?option=com_content&task=view&id=56117&Itemid=61

Fashion garment pieces with ultraviolet rays protection factor

"View the designs of swimwear clothing I have created using UPF 50+ fabric from Australia." October 20, 2008

http://www.fibre2fashion.com/news/fashion-news/newsdetails.aspx?news_id=64959

US sportswear brand highlights sun protective clothing.

Columbia Sportswear Company selling its Omni-Shade technology apparel in the Philippines. October 17, 2008

<http://www.abs-cbnnews.com/lifestyle/10/16/08/columbia-sportswear-highlights-its-sun-protective-apparel>

Urunga's purple patch.

Ebullient article on all kinds of Australians attending a 2-day event sponsored by New South Wales Cancer Council. "We intend to make sure child care centres and schools are sun safe and we're encouraging everyone to be aware of the changes in their skin that could be signs of cancer." Gave portable sun shade marquee to community. October 21, 2008

<http://bellingen.yourguide.com.au/news/local/news/general/urungas-purple-patch/1339285.aspx>

Special skin-cancer related events

North Shore Support Groups. A quarter-page down to MELANOMA SUPPORT.

(1) The Melanoma Foundation of New England hosts a melanoma support group the second Tuesday of each month at Beverly Hospital (2) North Shore Medical Center offers a melanoma support group the first Monday of every month at the Cancer Center, Peabody. October 17, 2008

http://www.salemnews.com/pulife/local_story_291004359.html?keyword=secondarystory

Tennis hero Pat Rafter aced by nippers [Australian for kids].

"About 300 nippers joined the former tennis star on a perfect 25C Sydney day to form a huge human message 'Sun, Safe, Fun' ahead of what is predicted to be one of Australia's hottest summers." October 19, 2008

<http://www.news.com.au/dailytelegraph/story/0,22049,24519969-5006009,00.html>

Neighbors Briefs. Last item. Get screened for skin cancer Sat.

South Jersey Healthcare Cancer Services and Dr. Warmuth to provide free skin cancer screenings at SJH Elmer Hospital. October 22, 2008

<http://www.thedailyjournal.com/article/20081022/LOCAL01/810220304>

Health & Fitness Calendar. Half-way down page.

Free Skin Cancer Screening Tour Thursday and Friday at Rite Aid. Part of The Skin Cancer Foundation's "Road to Healthy Skin Tour." Local board-certified dermatologists offer full-body skin cancer screenings. Memphis, TN website. October 20, 2008

<http://www.commercialappeal.com/news/2008/oct/20/on-the-run/>

Experts offer health advice, screenings to local women.

Video on skin cancer and weight control from Saturday event at Loyola Center in Chicago that included skin cancer screenings. Title of article in middle of page, after video screen. October 21, 2008

<http://news.medill.northwestern.edu/chicago/news.aspx?id=101219>

Entertainment Industries Council Links Addiction and Treatment Experts With Creators and Performers for Authentic and Powerful Storytelling.

"The EIC philosophy is that accurate entertainment leads to more authentic, engaging and powerful entertainment." EIC addresses numerous issues, including sun safety and skin cancer prevention. October 17, 2008

<http://newswire.ascribe.org/cgi-bin/ behold.pl?ascribeid=20081017.134054&time=14%2018%20PDT&year=2008&public=0>

Safety Day event set for Saturday.

Progressive Agriculture Safety Day on Saturday, dealing with most safety issues, including sun safety. October 16, 2008

http://www.palestineherald.com/local/local_story_290050946.html

Miscellaneous

Many Holes in Disclosure of Nominees' Health.

Dr. Altman argues that since 1972 we have enjoyed the modern, relatively open approach to disclosing medical information about the health of Presidential and Vice Presidential candidates, but that in this election we have regressed to earlier secretive times. Discusses all 4 of the candidates from the two major parties, although most is on Sen. McCain's melanomas. October 20, 2008
http://www.gainesville.com/article/20081020/ZNYT04/810203006/1006/NEWS?Title=Many_Holes_in_Disclosure_of_Nominees__x2019__Health

Obama, McCain stiff voters on health facts.

Agrees with Dr. Altman on lack of information. "Why aren't the medical records of the presidential and vice presidential candidates an open book?" October 20, 2008
http://www.swamppolitics.com/news/politics/blog/2008/10/obama_mccain_health_histories.html

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Drusilla Hufford](#)
To: knguyen@ColoradoHealth.org; lisawalvoord@livewellcolorado.org
Cc: [Linda Rutsch](#); [Kristinn Vazquez](#)
Subject: Anaheim Conference
Date: 03/28/2011 02:06 PM

Dear Khanh and Lisa:

I spoke with you both after excellent presentations on your work in Colorado at the conference in Anaheim. While much of my work for EPA is regulatory - since my division is responsible for the phaseout of ozone depleting substances - a big part of it also relates to encouraging sunsafe behavior, since the public health consequence of depleting the ozone layer is more skin cancer. I would like to ask for a copy of your slides, since the model that you gave for behavior change was very interesting. I would also like to ask whether we could have a teleconference to introduce our sun safety program for schools, SunWise, to you to explore whether there are parts of our programs that can benefit and learn from the other.

Thanks,

Drusilla Hufford

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e-mail: hufford.drusilla@epa.gov
<http://www.epa.gov/ozone>

From: [Drusilla Hufford](#)
To: [Brian Mclean](#)
Subject: Any Advice?
Date: 06/12/2008 08:57 AM
Attachments: [Redraft section VIII - June 5 2008.doc](#)

Brian:

I know from your voicemail that you are out today, but since I will also be out Friday and Monday (annual leave to Newport, RI for Steve's 51st birthday!), I wanted to share with you my redraft of the ANPRM section. I am also sharing with OGC. I would love any advice you have before lobbying this into the formal process. Did I capture your advice yesterday?

Let me know, and thanks!

Drusilla



Redraft section VIII - June 5 2008.doc

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From: [Drusilla Hufford](#)
To: barrycollins@virginia.edu
Subject: As Discussed
Date: 09/04/2007 01:57 PM
Attachments: [Winners-Ozone-2007Best.doc](#)
[Drusilla with Peyton Weary.JPG](#)
[Drusilla with Peyton 2.JPG](#)
[Drusilla with Peyton 3.JPG](#)

Dear Barry:

Thanks for calling me back so promptly. To this email I have attached photos of Dr. Peyton Weary receiving the 2007 "best of the best" stratospheric ozone protection award from EPA. Please feel free to use whatever pictures you like out of this. I have also included some background information on the awards, and a web link so you can find out more if that would be helpful. Feel free to call or email with any questions. It was an honor to recognize Peyton for his work, and FYI, I'd like to share with you the text associated with this award:

"Nominee: Dr. Peyton Weary
Affiliation: University of Virginia School of Medicine, retired
Category: Individual
Country: USA

Dr. Peyton Weary has for many years provided national leadership in efforts to recognize and prevent skin cancer, starting in 1969 by creating the first of a series of free skin cancer detection clinics in rural Virginia that subsequently have become nationally sponsored yearly by the American Academy of Dermatology. Because most skin cancer is caused by excessive ultraviolet radiation, depletion of the ozone layer - resulting in increased surface radiation exposure - threatened to increase the incidence of skin cancer that already causes serious worldwide morbidity and mortality. In an effort to substantially increase public awareness of the need for prevention and early detection of skin cancer, Dr. Weary convinced the U.S. Centers for Disease Control to create and support The National Council for Skin Cancer Prevention in 1997 to provide a forum for a number of national organizations to coordinate and share medically accurate and compelling skin cancer prevention and detection information and efforts. In addition, a companion organization, the Federal Council for Skin Cancer Prevention, was established to promote similar coordination among government agencies that also can assist in such efforts. Dr. Weary also played a key role in the establishment and 1994 launch of the federal Ultraviolet Index which is now a key public service provided jointly by the U.S. EPA and the U.S. National Weather Service."

Regards,

Drusilla

Background Information

As part of the celebration of the 20-year anniversary of the Montreal Protocol, the United States Environmental Protection Agency is presenting the 2007 Best-of-the-

Best Stratospheric Ozone Protection Awards.

These awards recognize corporations, associations, teams and individuals that have demonstrated exceptional leadership and personal dedication in either technical achievements in eliminating ozone-depleting substances or protecting the public from the effects of exposure to increased ultraviolet radiation. Best-of-the-Best Award winners have demonstrated: passion for stratospheric ozone and public health protection; actions that have reduced and eliminated emissions of ozone-depleting substances; actions that have strengthened national and Montreal Protocol policy; leadership that inspires others; collaboration; capacity building; and strategic networking. Candidates for these awards must have earned an annual Stratospheric Protection Award from the U.S. EPA between 1990 and 2007 (Peyton Weary earned the 1995 annual award)

In order to be selected, candidates had to demonstrate: "First" corporate leadership or technical achievement; persuasive, moral and/or organizational leadership; lasting precedent for global environmental protection; originality and public purpose; global perspective and implication; extraordinary achievement in ozone layer and/or UV exposure protection; or substantial elimination of chemical emissions. Nominations were reviewed by an international judging panel including 1997 Best-of-the-Best Award winners and other ozone experts. EPA made the final selections of award winners.

Attached is the list of 2007 Best-of-the-Best Award winners, though we ask everyone to wait until mid-September to release it. The 1997 Best-of-the-Best Award winners are listed at
http://www.epa.gov/ozone/awards/bestofthebest/1997_botb_winners.html.



Winners-Ozone-2007Best.doc

Photos



Drusilla with Peyton Weary.JPG

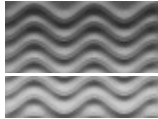


Drusilla with Peyton 2.JPG



Drusilla with Peyton 3.JPG

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<http://www.epa.gov/ozone>



{In Archive} SunWise News Roundup October 22, 2008

Ilona Melstrads to:

Bcc: Drusilla Hufford

10/22/2008 03:02 PM

Archive:

This message is being viewed in an archive.



News Roundup Wednesday October 22, 2008

Skin cancer prevention / awareness: events

Reducing indoor tanning

Focus on appearance helps indoor tanners cut down.

Study by Dr. J. Hillhouse of East Tenn. State suggests that "giving young indoor tanning enthusiasts the ugly truth about how ultraviolet light can affect their skin's appearance, as well as offering alternatives to the bronzed look, can help them to reduce their tanning bed use...." October 21, 2008
<http://www.reuters.com/article/healthNews/idUSTRE49K60G20081021>

Prospect of Wrinkles Is Enough to Put Young People Off Indoor Tanning.

"Female college students reduced their use of indoor tanning by more than 35% after receiving a booklet that highlighted prematurely aged withered skin as an effect of tanning and ultraviolet radiation exposure.... The 24-page booklet emphasized tanning abstinence and offered alternatives to improve appearance...." October 20, 2008
<http://www.medpagetoday.com/HematologyOncology/SkinCancer/11381>

Educational Materials Can Alter Young Women's Attitudes About Tanning, May Reduce Skin Cancer.

"The researchers included approximately 430 female university students aged 17 to 21 years, 200 of whom received a booklet on the effects of indoor tanning." October 20, 2008
<http://www.sciencedaily.com/releases/2008/10/081020093406.htm>

Educational materials can alter young women's attitudes about tanning, may reduce skin cancer.

"The study is published in the December 1, 2008 issue of *CANCER*, a peer-reviewed journal of the American Cancer Society." October 20, 2008
http://www.eurekalert.org/pub_releases/2008-10/acs-emc101508.php

YouTube: Tanning Beds Touted as Healthy.

Dermatologists concerned about findings by Dr. Hossler and Dr. Conroy in *Arch. of Dermatology*. Showed that "videos touting the benefits of roasting one's skin in a tanning bed outnumber those warning of ultraviolet dangers by nearly 3 to 1 on YouTube." October 20, 2008
<http://news.health.com/2008/10/20/youtube-tanning-beds-touted-as-healthy/>

Tanning legislation and controversies in U.S.A. and abroad

Tanning providers face new regulations.

In 2009 the NY state Health Department "plans to begin regulating operations that provide tanning services ... to make sure people are aware of the potential risks of tanning...." Public comments

accepted "until mid-November." October 18, 2008
http://www.dailygazette.com/news/2008/oct/18/1018_tanning/

Tanning bed group opposes teenager ban.

Canadian tanning industry objects to Ontario bill 83 restricting teen tanning. Claims restrictions will increase sunburns. October 16, 2008
http://www.upi.com/Health_News/2008/10/16/Tanning_bed_group_opposes_teenager_ban/UPI-94701224166308/

JCTA Says Ontario Bill Would Hurt Teens, Not Help Them.

Joint Canadian Tanning Association claims indoor "tanners sunburn less than non-tanners, including teenagers who tan outdoors. Canada's indoor tanning facilities are at the forefront in teaching teenagers outdoor sunburn prevention, including the proper use of sunscreens to prevent sunburn." October 20, 2008
<http://www.lookingfit.com/hotnews/jcta-says-ontario-bill-would-hurt-teens.html>

Tanning Community: Ontario Bill Would Hurt Teens, Not Help Them.

October 16, 2008
<http://www.cnw.ca/fr/releases/archive/October2008/16/c6219.html>

SunSmart: Not So Smart?

"The Indoor Tanning Association NZ Inc (INTANZ) says it is 'extremely keen' to work together with SunSmart and The Cancer Society to improve public health outcomes for skin cancer." Tanning industry claims population deficient in vitamin D.. October 22, 2008
<http://www.scoop.co.nz/stories/BU0810/S00462.htm>

Other events in U.S.A. and abroad

Melanoma Survivor on Mission to Increase Awareness: Mark Rogan, CCMAC Board Member.

Mr. Rogan young when diagnosed with melanoma. "For the past eight years he has gone for CT Scans, PET Scans, chest X-rays ... at NYU every three to six months...." Now works with Colette Coyne Melanoma Awareness Campaign, in memory of 30-year melanoma victim. CCMAC's 10th Annual Gala Dinner Dance & Charity Auction on October 24. October 17, 2008
<http://www.antonnews.com/westburytimes/2008/10/17/news/>

Running Focus: This year's schedule winding down.

Still left is the Alan Sundberg 5K for the Florida Skin Cancer Foundation. "The 2008 race will be the 10th year that Bill Sundberg has watched this race go off in honor of his brother Alan who lost his life to skin cancer." October 22, 2008
<http://www.tallahassee.com/article/20081022/SPORTS/810220330/1002/SPORTS>

Sun Safety Champions Team Up With LPGA Tour Pro Paula Creamer.

"Play Safe in the Sun Volunteers Mount Winning Effort to Fight Skin Cancer at LPGA's Samsung World Championship Where Sun Safety Ambassador Paula Creamer Triumphs." Volunteers of the Women's Dermatologic Society in partnership with L'Oreal USA. October 17, 2008
<http://in.sys-con.com/node/713946>

Kayla Collier: Miss Florida Teen USA 2009 and Cancer Survivor.

"At age 16, the teen ... was diagnosed with skin cancer. Now at 18, she has not only beaten the disease, she is also an advocate for teen cancer prevention. Kayla plans to use her new Miss Florida Teen USA title to inform other young people about the dangers of excessive tanning...." October 17, 2008
<http://www.marketwatch.com/news/story/kayla-collier-miss-florida-teen/story.aspx?guid=%7BB6CFD380-D55A-4905-A5DE-700747E30DD1%7D&dist=hppr>

Skin cancer awareness

Fight cancer through looking glass.

"When it comes to melanoma, vanity may be a virtue. The most direct method for detecting this deadly skin cancer is to face a mirror, clothes off, and check for suspicious moles from head to toe" October 19, 2008

http://timesofindia.indiatimes.com/HealthSci/Fight_cancer_through_looking_glass/articleshow/3616188.cms

NZ Health Professionals Flock to Melanoma Summit.

In Wellington on November 14. October 21, 2008

<http://www.voxxy.co.nz/national/nz-health-professionals-flock-melanoma-summit/5/4399>

Skin cancer data and risk

Men ignoring melanoma risks.

"A surgeon has warned that complacency is to blame for an increase in the number of Kiwis contracting life-threatening melanoma.... While most patients are European, Shaw's surveys show an increase in cases in all ethnic groups." October 19, 2008

http://www.nzherald.co.nz/health/news/article.cfm?c_id=204&objectid=10538276

'Atlas of death' bodes well for Sussex.

Univ. of Bristol and Sheffield "compiled data on almost 15 million deaths from 1981 to 2004 and mapped them according to age, location and cause." Although people "in Sussex live longer than in most other areas of the country.... county had higher levels of skin cancer compared with other parts of the country...." October 21, 2008

http://www.theargus.co.uk/news/3777362._Atlas_of_death__bodes_well_for_Sussex/

Rx for Readers. Second question.

Whether a particular form of UVB phototherapy safe for psoriasis. October 17, 2008

<http://www.jpost.com/servlet/Satellite?cid=1222017565768&pagename=JPost%2FJPArticle%2FShowFull>

UV, ozone layer

Angola: Ozone Layer Discussed at Sweden Workshop.

"Ozone layer protection, environmental technology, water quality ... are some of the topics being tackled at a course on management of hydric resources," reports Angolan attendee. October 16, 2008

<http://allafrica.com/stories/200810170031.html>

The knives come out for Dion.

Defeated Canadian Liberal party leader is remembered for his contribution to Montreal protocol earlier in his career as a cabinet minister. October 17, 2008

<http://www.canada.com/montrealgazette/news/story.html?id=0b37011d-93f6-4435-aa44-6b7d84666744>

[U.S.] EPA reaches agreement with Vesuvius on clean-air violations

"The agreement resolves EPA allegations that Vesuvius violated ... leak repair, testing and planning requirements for one of its industrial process refrigeration units that leaked excessive amounts of ozone-depleting refrigerant from August 2002 until September 2003." October 20, 2008

<http://www.exchangemagazine.com/morningpost/2008/week43/Monday/102009.html>

Puron Refrigerant from Carrier Offers Solution to R-22 Phase-Out.

"The year 2010 marks an important U.S. milestone for ozone protection with the phase out of R-22, an ozone depleting refrigerant used in some new air-conditioning systems for more than four decades."

October 20, 2008

<http://www.webwire.com/ViewPressRel.asp?ald=77794>

EPA deadline looms for soil-fumigant comments. Agency open to suggestions on implementing rules.

The agency's new restrictions affect use of chloropicrin, methyl bromide and other products. Aimed at worker and community safety, but buffer zones may create problems for growers. October 16, 2008
<http://www.capitalpress.info/main.asp?SectionID=67&SubSectionID=782&ArticleID=45418&TM=69170.09>

Nigeria: A Case for Niger Delta Ministry.

The problems of the Niger Delta, including its history of gas flaring. Suggests the practice not only adversely affects the climate but also ozone layer. Does not mention any specific chemicals from gas flaring that would affect ozone layer. October 20, 2008
<http://allafrica.com/stories/200810200395.html>

Djelic, Rockefeller Brothers Fund delegation meet.

A topic discussed by Serbian official and Rockefeller Brothers Fund: Serbian policy on ozone layer protection. October 17, 2008
<http://www.emportal.co.yu/en/news/serbia/66010.html>

UV and eyes

Eye on Eye Health.

"The same UV rays that can harm your skin can also hurt your eyes. Always wear sunglasses, and make sure they say they have UV protection." October 18, 2008
<http://www.cbsnews.com/stories/2008/10/18/earlyshow/health/main4530717.shtml>

Winter and SAD

Is there any such thing as the winter blues? Experts shed new light on SAD condition.

Article seems to go from sublime to ridiculous. Scandinavian and Scottish skeptics doubt existence of SAD. A Univ. of London professor suggests people might go to tanning salons to get vitamin D. October 20, 2008
<http://www.dailymail.co.uk/health/article-1079245/Is-thing-winter-blues-Experts-shed-new-light-SAD-condition.html>

General biomedical and cancer research

Scientists Enhance Immune System Attacks on Cancer.

"The problem with cancer is that it becomes part of what the immune system identifies as 'self' and there are ways the body learns to tolerate 'self' to prevent immune attack," from Dr. L. Sherman of Scripps. Research studies from *Proc. of the National Academy* of October 21, 2008
<http://www.sciencedaily.com/releases/2008/10/081021185215.htm>

Evolution of Genes that Trigger the Body's Immune Response to Viral Infection.

Virginia Commonwealth Univ. researchers found evolutionary origin of a unique mechanism protecting against viral infection. The "melanoma differentiation associated gene-5 (MDA-5) and retinoic acid inducible gene-I (RIG-I) originated specifically in mammals. These genes induce the production of type I interferons." October 21, 2008
<http://www.sciencedaily.com/releases/2008/10/081021120951.htm>

Biological Drugs Not Without Risks.

Study in *J. of the Amer. Med. Association* shows that "biological drugs, especially the pioneering ones, may have safety issues that come to light after the drugs' approval." Also discusses reasons. "Many biological drugs work on the immune system, and immune system problems (such as greater infection risk) were the most common safety issues that drew regulatory action." October 21, 2008
<http://www.webmd.com/news/20081021/biologic-drugs-not-without-risks>

For many biological drugs, 'on the market' doesn't mean safe.

"Nearly one in four recently approved products in a relatively new class of medicines needed some type of regulatory action because of safety issues that arose after they came on the market...." October 21, 2008

http://www.usatoday.com/news/health/2008-10-22-biological-medicines-safety_N.htm

On new skin cancer research

T Cell Response To New Melanoma Antigen Linked To Relapse-free Survival.

"The French team, lead by Dr. Nathalie Labarriere, studied the infused cells from 30 stage III melanoma patients who had received adoptive immunotherapy between 1994 and 1998. Among the cells taken from a patient who has remained tumor-free for more than a decade, they found naturally-arising T cells that recognized a new protein, which they dubbed "meloe-1." October 22, 2008

<http://www.sciencedaily.com/releases/2008/10/081020093400.htm>

T cell response to new melanoma antigen linked to relapse-free survival

Above study. "Melanoma patients infused with a special type of tumor-fighting T cell are more likely to survive without relapse...." Online on October 20 in the *J. of Experimental Medicine* . October 20, 2008

http://www.eurekalert.org/pub_releases/2008-10/rup-tcr100908.php

Cancer-Fighting Cells Discovered.

Above study. "Adoptive immunotherapy is a treatment option for patients with late-stage melanoma. It involves removing natural cancer-fighting T cells from a tumor and placing them in culture dishes to multiply. The T cells are then injected back into the patient to fight the tumor." October 20, 2008

http://www.ivanhoe.com/channels/p_channelstory.cfm?storyid=19951

Chronic inflammation can help nurture skin cancer, study shows.

Dr. A. Mellor of Medical College of Georgia and Drs. Prendergast and Muller of Lankenau Institute show what while the inflammation response should help prevent tumors, "an enzyme that works like a firefighter to keep inflammation under control, can be commandeered to protect early malignant cells...." The enzyme IDO "favors the tumor: The immune system basically sits back and watches the tumor grow...." October 21, 2008

October 21, 2008

<http://www.genengnews.com/news/bnitem.aspx?name=43918241>

Additional recent articles on skin cancer items listed in earlier roundups

Vitamin D receptor gene linked to risk for melanoma.

October 22, 2008

<http://www.hemonctoday.com/article.aspx?rid=32150>

Skin cancer detection and treatment

Failure to Diagnose Cancer.

Melanoma is one example of a cancer that responds "especially well to early treatment and diagnosis in most cases." Brief note on what an exam should cover – says exam should include oral cavity. Article is from a law firm specializing in medical negligence cases. October 21, 2008

<http://www.bestsyndication.com/?q=node/18536>

Cancer patient joins the fight for scanner.

Businessman "has joined doctors, politicians and community members in the campaign to get a PET/CT scanner for the Northern Rivers.... For melanoma there is no blood test available, so you need a PET scan...." October 21, 2008

<http://www.northernstar.com.au/story/2008/10/22/cancer-patient-joins-the-fight-for-scanner/>

Industry, economics

Hospital using electricity to fight cancer.

"Bridgeport Hospital is ... participating in an international trial of a novel cancer therapy that kills tumor cells with low levels of electricity....The study, in the U.S. and Europe, is being financed by NovoCure, a privately held company founded by an Israeli professor in 2000." Could be potentially useful for melanoma. October 22, 2008

<http://www.nhregister.com/articles/2008/10/22/news/a3-electumor.txt>

Peplin's acquisition of Neosil complete.

Total cash "will be sufficient to fund completion of the ongoing Phase III testing of Peplin's lead product, PEP005 (ingenol mebutate) Gel for actinic keratosis (AK)...." October 20, 2008

<http://www.pharmalive.com/News/index.cfm?articleid=578529&categoryid=54>

Research and Markets: Currently Druggable in Melanoma: a Drug Target Competitive Analysis Reports on 94 Unique Drug Target Combinations.

"... [F]or you to identify your competition and understand which targeting strategies are at work within melanoma drug development." October 16, 2008

<http://www.marketwatch.com/news/story/research-markets-currently-druggable-melanoma/story.aspx?guid=%7B793949B7-7877-4DA7-B494-7E4243C88E0B%7D&dist=hppr>

Cause marketing matters to consumers

Customers "want to know that you share their desire to make the world a better place by supporting an important cause." Money not enough - work needed. Also, select a cause that relates to your company, as P&G did in joining Amer. Society for Dermatologic Surgery to help women protect skin from sun.

October 20, 2008

<http://www.msnbc.msn.com/id/27280623/>

Articles focused on individuals

Hwang Appointed Chairman of Dermatology at The Medical College of Wisconsin.

Sam T. Hwang, M.D., Ph.D. is "an internationally recognized researcher in skin cancer biology...."

October 18, 2008

<http://www.wauwatosanow.com/story/index.aspx?id=807539>

Reinhart undergoes treatment.

President of St. John's University is treated at Mayo Clinic for stage 4 melanoma. October 16, 2008

<http://www.users.csbsju.edu/record/2008/10/reinhart-undergoes-treatment/>

President of St. John's University retiring.

October 16, 2008

http://minnesota.publicradio.org/display/web/2008/10/16/sju_president/

Veteran Radio Newsmen Keeps Info Flowing From Home Studio Despite Cancer Fight.

What exactly Charlie Stuchell does daily as a radio newsmen, now that his melanoma has spread.

October 19, 2008

http://www.tricities.com/tri/news/local/article/veteran_radio_newsmen_keeps_info_flowng_from_home_studio_despite_cancer_fi/15236/

Troy man hit by melanoma to bike to raise money.

"Fred Synk is still a triathlete. A recurrence of melanoma and surgery to treat it this summer only sidelined him temporarily from competitions...." To raise money for melanoma research, goes on a "325-mile ride ... from Pittsburgh to Cumberland, Md...." October 21, 2008

<http://www.freep.com/apps/pbcs.dll/article?AID=/20081021/NEWS01/810210383>

Sunbed 'addict' who loved tanning dies of skin cancer aged 44

"The desperate quest for a perfect tan cost hairdresser Dorne Graydon her life." Began tanning at 17 and could not stop. October 19, 2008

<http://www.mirror.co.uk/news/top-stories/2008/10/19/sunbed-addict-who-loved-tanning-dies-of-skin-cancer-aged-44-115875-20820310/>

Mum's death from sunbed use sparks family warning.

October 18, 2008

<http://www.chroniclive.co.uk/north-east-news/todays-evening-chronicle/2008/10/18/mum-s-death-from-sunbed-use-sparks-family-warning-72703-22063918/>

Fulton church will host benefit for Nears.

An Iowa church member has been diagnosed with melanoma and is being treated at Mayo Clinic.

October 16, 2008

http://www.clintonherald.com/local/local_story_290102835.html

Bowden Treated For Skin Cancer.

"The Nats GM learned he had skin cancer in June, but he elected to delay treatment until the end of the season -- a decision he now regrets. The good news is, doctors believe they've removed all cancerous growth." October 21, 2008

http://voices.washingtonpost.com/nationalsjournal/2008/10/bowden_treated_for_skin_cancer.html

Bowden feeling good after cancer scare.

"A biopsy revealed squamous cell carcinoma. According to the Memorial Sloan-Kettering Cancer Center, the disease is the second most common form of skin cancer, accounting for about 20 percent of skin cancers in the U.S." October 21, 2008

http://mlb.mlb.com/news/article.jsp?ymd=20081021&content_id=3635940&vkey=news_mlb&fext=.jsp&c_id=mlb

Pals pitching in for Josh.

Friends reconstitute their teenage football [soccer] team after 20 years to support a pal [aged 37] suffering from incurable skin cancer." No moles – just pain in his back and arm. Melanoma diagnosed after everything else ruled out. October 22, 2008

<http://www.thestar.co.uk/news/Pals-pitching-in-for-Josh.4613468.jp>

A Lifetime of Community Service.

Former city Commissioner, who died at 49 of choroidal melanoma, "was remembered last week by friends, family and colleagues as a leader who had a lifetime of community service." October 22, 2008

<http://plantcity2.tbo.com/content/2008/oct/22/pc-a-lifetime-of-community-service/>

Running for my life: 1 woman's race against time.

Repeat of well-written article that first appeared last week. October 18, 2008

<http://www.iht.com/articles/ap/2008/10/18/america/Running-for-My-Life.php>

Heather Van Nest, Anchor.

Ms. Van Nest writes about herself in third person. She received "an Edward R. Murrow Award for 'Risky Rays: Don't Get Burned,' a news documentary on skin cancer. The American Academy of Dermatology also recognized her efforts on preventing and detecting skin cancer with a national Gold Triangle Award." October 20, 2008

<http://www.tampabay10.com/news/mostpop/story.aspx?storyid=27632&provider=top>

Vitamin D – benefits and sources

How Much Sun Does It Take to Make Vitamin D?

Why pregnant women and breastfeeding moms cannot just increase their own Vitamin D intake, rather than give supplements to babies, and other questions answered. "The Norwegian Institute for Research has an online calculator to help you figure out if there's enough sunlight for you to start synthesizing Vitamin D at a particular location." October 17, 2008

<http://www.usnews.com/blogs/on-parenting/2008/10/17/how-much-sun-does-it-take-to-make-vitamin-d.html>

Double dose of vitamin D for kids.

On the new recommendations from pediatricians. Ends by saying sunlight best source. This is not quite what pediatricians said. October 19, 2008

<http://abclocal.go.com/kabc/story?section=news/health&id=6457478>

Parkinson's disease 'affected by vitamin D.'

"Scientists found that lower blood levels of the vitamin were more common in people with Parkinson's than healthy individuals. But whether vitamin D deficiency was a cause of Parkinson's or resulted from it still had to be determined..... [T]he link between Parkinson's and vitamin D could arise because of the poor mobility of elderly patients." October 20, 2008

<http://www.chroniclive.co.uk/lifestyle/2008/10/20/parkinson-s-disease-affected-by-vitamin-d-72703-22060992/>

Oral Vitamin D May Help Prevent Skin Infections by Inducing Cathelicidin Production.

October 20, 2008

<http://www.medinewsdirect.com/?p=594>

Shadowy deficiency.

Discusses differing recommendations for vitamin D. October 21, 2008

<http://www.canada.com/topics/bodyandhealth/story.html?id=4a3db4b5-8a90-40c3-8697-1374139803e3>

Monthly vitamin D supplement safe and effective.

"A single high dose of vitamin D given every four weeks is as safe as smaller daily or weekly doses, and is as effective in achieving adequate circulating levels of the vitamin, according to a study conducted in Israel." Can choose dose to "optimize an individual's adherence...." October 21, 2008

<http://www.reuters.com/article/healthNews/idUSTRE49K7W720081021>

Achieving recommended amounts of Vitamin D.

Explains why your child may already be close to getting the newly-recommended 400 IU's per day.

October 16, 2008

<http://www.examiner.com/x-989-Atlanta-Holistic-Parenting-Examiner~y2008m10d16-Achieving-recommended-amounts-of-Vitamin-D>

Chicago Physician Dr. Mayer Eisenstein Agrees That Children Need More Vitamin D, But He Says 10 Times More than Previous.

Instead of 400 IU, need at least 2,000, based on research at Amer. Univ. of Beirut. October 17, 2008

<http://www.expertclick.com/NewsReleaseWire/default.cfm?Action=ReleaseDetail&ID=23612>

Yoplait(R) Yogurt is the Only Leading Yogurt with Vitamin D and Calcium in Every Cup.

Yoplait and recent studies on need for vitamin D supplementation. October 21, 2008

<http://www.tradingmarkets.com/.site/news/Stock%20News/1957740/>

Tanning – UV and non-UV

Photodynamic Therapy May Improve Appearance of Aging Skin.

October *Archives of Dermatology* . "The deleterious effects of exposure of the skin to [ultraviolet] irradiation are well established," from Dr. J. S. Orringer of Univ. of Michigan. Team studied 25 adults with skin damage and reports technical findings of change from PDT. October 20, 2008

<http://www.medscape.com/viewarticle/582292>

Forever Tan to Sponsor Southeast Tanning Expo in Orlando.

October 18, 2008

<http://www.prweb.com/releases/2008/10/prweb1485344.htm>

Biddiscombe International Releases Organic Sunless Solutions for VersaSpa® Tanning Booths.

Spray tan products for use in VersaSpa tanning booths. October 19, 2008

<http://www.prweb.com/releases/2008/10/prweb1489454.htm>

Sunscreen

What does SPF mean on my sunscreen?

"SPF refers to how long a person can stay in the sun before getting a sunburn." October 20, 2008

http://www.dailybreeze.com/lifeandculture/ci_10762980

Tips to help parents keep kids safe this Halloween.

In Florida, "don't forget to apply sun block to any exposed skin if they are going to be out in the sun for a long period of time." October 16, 2008

<http://www.examiner.com/x-1094-Miami-Parenting-Resources-Examiner~y2008m10d15-Tips-to-help-parents-keep-kids-safe-this-Halloween>

Author has dark view of chocolate claims. Near the end of an article on many items.

The Healthy Skeptic again: "Sunscreen should not be a first defense." Avoid sun, wear protective clothing. October 21, 2001

<http://www.miamiherald.com/living/story/734261.html>

Pay lip service to nasty cold sores.

"The triggers that cause cold sores vary from person.... If you know them, try to avoid your triggers. For example, a sun block lip balm (SPF 15-plus) may help to prevent cold sores triggered by bright sunlight." October 20, 2008

<http://www.independent.ie/health/pay-lip-service-to-nasty-cold-sores-1503535.html>

Other protective products

Coolibar Products Earn Continued Endorsement from Skin Cancer Foundation.

"Coolibar's entire product line received the Foundation's recommendation after rigorous independent testing affirmed each product's 50+ ultraviolet protection factor rating." October 21, 2008

<http://www.marketwatch.com/news/story/coolibar-products-earn-continued-endorsement/story.aspx?guid=%7B979DDE62-C8C6-418F-BE27-815396C5566D%7D&dist=hppr>

4th Annual Focus on Leukemia, Lymphoma & Myeloma Conference.

"Colleen Dougherty Bronstein, a malignant melanoma survivor and artist, has launched site 'Sun Safe Designer Clothing,' and has teamed up with the Abramson Cancer Center of the University of Pennsylvania as an advocate for sun safe awareness." October 21, 2008

http://pr-canada.net/index.php?option=com_content&task=view&id=56117&Itemid=61

Fashion garment pieces with ultraviolet rays protection factor

"View the designs of swimwear clothing I have created using UPF 50+ fabric from Australia." October 20, 2008

http://www.fibre2fashion.com/news/fashion-news/newsdetails.aspx?news_id=64959

US sportswear brand highlights sun protective clothing.

Columbia Sportswear Company selling its Omni-Shade technology apparel in the Philippines. October 17, 2008

<http://www.abs-cbnnews.com/lifestyle/10/16/08/columbia-sportswear-highlights-its-sun-protective-apparel>

Urunga's purple patch.

Ebullient article on all kinds of Australians attending a 2-day event sponsored by New South Wales Cancer Council. "We intend to make sure child care centres and schools are sun safe and we're encouraging everyone to be aware of the changes in their skin that could be signs of cancer." Gave portable sun shade marquee to community. October 21, 2008

<http://bellingham.yourguide.com.au/news/local/news/general/urungas-purple-patch/1339285.aspx>

Special skin-cancer related events

North Shore Support Groups. A quarter-page down to MELANOMA SUPPORT.

(1) The Melanoma Foundation of New England hosts a melanoma support group the second Tuesday of each month at Beverly Hospital (2) North Shore Medical Center offers a melanoma support group the first Monday of every month at the Cancer Center, Peabody. October 17, 2008

http://www.salemnews.com/pulife/local_story_291004359.html?keyword=secondarystory

Tennis hero Pat Rafter aced by nippers [Australian for kids].

"About 300 nippers joined the former tennis star on a perfect 25C Sydney day to form a huge human message 'Sun, Safe, Fun' ahead of what is predicted to be one of Australia's hottest summers." October 19, 2008

<http://www.news.com.au/dailytelegraph/story/0,22049,24519969-5006009,00.html>

Neighbors Briefs. Last item. Get screened for skin cancer Sat.

South Jersey Healthcare Cancer Services and Dr. Warmuth to provide free skin cancer screenings at SJH Elmer Hospital. October 22, 2008

<http://www.thedailyjournal.com/article/20081022/LOCAL01/810220304>

Health & Fitness Calendar. Half-way down page.

Free Skin Cancer Screening Tour Thursday and Friday at Rite Aid. Part of The Skin Cancer Foundation's "Road to Healthy Skin Tour." Local board-certified dermatologists offer full-body skin cancer screenings. Memphis, TN website. October 20, 2008

<http://www.commercialappeal.com/news/2008/oct/20/on-the-run/>

Experts offer health advice, screenings to local women.

Video on skin cancer and weight control from Saturday event at Loyola Center in Chicago that included skin cancer screenings. Title of article in middle of page, after video screen. October 21, 2008

<http://news.medill.northwestern.edu/chicago/news.aspx?id=101219>

Entertainment Industries Council Links Addiction and Treatment Experts With Creators and Performers for Authentic and Powerful Storytelling.

"The EIC philosophy is that accurate entertainment leads to more authentic, engaging and powerful entertainment." EIC addresses numerous issues, including sun safety and skin cancer prevention. October 17, 2008

<http://newswire.ascribe.org/cgi-bin/ behold.pl?ascribeid=20081017.134054&time=14%2018%20PDT&year=2008&public=0>

Safety Day event set for Saturday.

Progressive Agriculture Safety Day on Saturday, dealing with most safety issues, including sun safety. October 16, 2008

http://www.palestineherald.com/local/local_story_290050946.html

Miscellaneous

Many Holes in Disclosure of Nominees' Health.

Dr. Altman argues that since 1972 we have enjoyed the modern, relatively open approach to disclosing medical information about the health of Presidential and Vice Presidential candidates, but that in this election we have regressed to earlier secretive times. Discusses all 4 of the candidates from the two major parties, although most is on Sen. McCain's melanomas. October 20, 2008
http://www.gainesville.com/article/20081020/ZNYT04/810203006/1006/NEWS?Title=Many_Holes_in_Disclosure_of_Nominees__x2019__Health

Obama, McCain stiff voters on health facts.

Agrees with Dr. Altman on lack of information. "Why aren't the medical records of the presidential and vice presidential candidates an open book?" October 20, 2008
http://www.swamppolitics.com/news/politics/blog/2008/10/obama_mccain_health_histories.html

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

Primatene Mist With Chlorofluorocarbons

No Longer Available After Dec. 31, 2011



The only over-the-counter asthma inhaler sold in the United States will no longer be available next year as part of a phase-out of epinephrine inhalers containing chlorofluorocarbons (CFCs).

Epinephrine CFC inhalers, marketed as Primatene Mist, are being phased out because they use CFCs as a propellant (spray) to move the medicine out of the inhaler so patients can breathe the medicine into their lungs.

Primatene Mist is approved by the Food and Drug Administration (FDA) for the temporary relief of occasional symptoms of mild asthma. FDA urges those who use Primatene Mist to see a

health care professional now to switch to another asthma medicine.

"There are many other safe and effective medications to treat the symptoms of asthma," says Badrul Chowdhury, M.D., Ph.D., director of FDA's Division of Pulmonary, Allergy, and Rheumatol-



ogy Products. But you need to find out if you really have asthma—not just pick another over-the-counter medicine, adds Chowdhury. "If you have breathing problems but have not been diagnosed by a health care professional, it's important to see one. Not all breath-

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FDA first began public discussion about the use of CFCs for epinephrine inhalers in January 2006. FDA finalized the phase-out date for using CFCs in these inhalers and notified the public in November 2008.

Many manufacturers have changed their inhalers to replace CFCs with a propellant called hydrofluoroalkane (HFA). For instance, albuterol HFA inhalers can be used in the same way you use epinephrine CFC inhalers. You can only buy albuterol HFA inhalers—or any inhaler after Dec. 31—with a prescription from your doctor. There is currently no over-the-counter or prescription epinephrine inhaler made without CFCs.

Advice to Consumers Who Use Primatene Mist

- See a health care professional soon to get another medicine. A doctor, physician assistant, or nurse practitioner can all help you determine the best treatment option for you. Primatene Mist may be harder to find on store shelves even before Dec. 31, 2011. If you don't have a doctor or other health care professional, you can find one by
 - Asking a family member, friend, or co-worker what doctor they use and would recommend.

- Visiting a federally funded health center, where patients pay to see a doctor based on their income and what they can afford. See this website [findahealthcenter.hrsa.gov/Search_HCC.aspx] or call 888-275-4772 to learn more.
- Visiting a local clinic, community health center, or minute clinic (sometimes located in a pharmacy).
- Ask your health care professional to show you how to use your new inhaler or other medicine to make sure you are using it correctly and getting the right dose.
- Follow the directions for using and cleaning your new inhaler or other medicine to make sure you get relief of your asthma symptoms.
- If you haven't used up your Primatene Mist by Dec. 31, 2011, it's safe to continue using it as long as it hasn't expired. Check the expiration date, which can be found on the product and its packaging.

Help With Payment

Replacement medicines for Primatene Mist may cost more. If it is hard for you to pay for a new medicine:

- Talk to your health care professional about programs that help patients get medicines they need.
- Contact the company that makes the drug that your health care professional prescribes. The company may have a patient-

assistance program that makes medicines available to patients at low or no cost.

- Visit free local clinics and public hospitals for additional assistance with your medications.

Why No More Primatene Mist?

Primatene Mist inhalers use CFCs, which decrease the earth's ozone layer. This layer of the atmosphere protects us from some of the sun's harmful ultraviolet radiation, which can increase the risk of skin cancers and cataracts. The United States and many other countries have signed an international agreement to phase out CFCs and other ozone-depleting substances.

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Primatene Mist inhalers use CFCs, which decrease the earth's ozone layer. This layer of the atmosphere protects us from some of the sun's harmful ultraviolet radiation, which can increase the risk of skin cancers and cataracts. The United States and many other countries have signed an international agreement to phase out CFCs and other ozone-depleting substances.

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From: [Drusilla Hufford](#)
To: [Apple Chapman](#)
Subject: Draft Testimony
Date: 07/17/2012 12:51 PM
Attachments: [Testimony - Kerwin.pdf](#)
[Testimony - Kraft.pdf](#)
[Testimony - Shandell.pdf](#)
[Testimony - Ward.pdf](#)

Apple - I wanted to share with you the draft testimony for tomorrow's hearing on Primatene Mist. The one I would like your/OECA comment on is from Amphastar, the PM manufacturer (Shandell in this list), since they make some claims about EPA actions you may want to review.

Thanks for any insights,

Drusilla



Drusilla Hufford
U.S. EPA
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Drugs

FDA Drug Safety Podcast: Primatene Mist With Chlorofluorocarbons No Longer Available After Dec. 31, 2011

Podcast ¹

The only over-the-counter asthma inhaler sold in the United States will no longer be available next year as part of an international agreement to stop the use of substances that damage the environment.

I am Yolanda Fultz-Morris from F-D-A's Center for Drug Evaluation and Research.

Primatene Mist is approved by the Food and Drug Administration for the temporary relief of occasional symptoms of mild asthma. FDA urges those who use Primatene Mist to see a health care professional soon to switch to another asthma medicine.

Primatene Mist inhalers are being discontinued because they use chlorofluorocarbons (CFCs) as a propellant to move the medicine out of the inhaler so patients can breathe the medicine into their lungs. CFCs harm the environment by decreasing the earth's ozone layer. This layer of the atmosphere protects us from some of the sun's harmful ultraviolet radiation, which can increase the risk of skin cancers and cataracts.

Many manufacturers have changed their inhalers to replace CFCs with an environmentally friendly propellant called HFA. There is currently no HFA version of the Primatene Mist inhaler.

Advice to Consumers Who Use Primatene Mist

- See a health care professional soon to get another medicine. Primatene Mist may be harder to find on store shelves even before Dec. 31, 2011.
- Ask your health care professional to show you how to use your new inhaler or other medicine to make sure you are using it correctly and getting the right dose.
- Follow the directions for using and cleaning your new inhaler or other medicine to make sure you get relief of your asthma symptoms.
- If you haven't used up your Primatene Mist by Dec. 31, 2011, it's safe to continue using it as long as it hasn't expired. Check the expiration date, which can be found on the product and its packaging.

Help With Payment

Replacement medicines for Primatene Mist may cost more. If it is hard for you to pay for a new medicine:

- Talk to your health care professional about programs that help patients get medicines they need.
- Contact the company that makes the drug that your health care professional prescribes. The company may have a patient-assistance program that makes medicines available to patients at low or no cost.
- Contact the Partnership for Prescription Assistance by calling 1-888-477-2669 or visiting www.pparx.org ²

FDA urges healthcare providers and patients to report any adverse events or side effects that may be associated with the use of over-the-counter Primatene Mist inhalers to FDA's MedWatch adverse event reporting program by phone at 1-800-F-D-A-ten-88 or by the Internet at W-W-W dot F-D-A dot GOV slash M-E-D-W-A-T-C-H.

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- [Primatene Mist With Chlorofluorocarbons No Longer Available After Dec. 31, 2011](#) ⁴
FDA Consumer Update article (3/16/2011)
- [Phase-Out of Epinephrine CFC Metered-Dose Inhalers](#) ⁵ Chlorofluorocarbon Containing Products No Longer Available After Dec. 31, 2011

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Drugs

Epinephrine CFC Metered-dose Inhalers - Questions and Answers

Podcast 1

Welcome to the Food and Drug Administration's questions and answers on epinephrine CFC metered-dose inhalers.

I am Yolanda Fultz-Morris from F-D-A's Center for Drug Evaluation and Research.

Epinephrine CFC metered-dose inhalers used to treat asthma, known as Primatene Mist or Epinephrine Mist, cannot be made or sold in the United States after December 31, 2011.

FDA is providing the following questions and answers to help you to better understand Epinephrine CFC metered-dose inhalers. Pat Clarke, from F-D-A's Center for Drug Evaluation and Research will be providing the responses.

1. Why are over-the-counter epinephrine CFC inhalers being phased out?

Manufacturers use chlorofluorocarbons, or CFCs, as propellants, or sprays, in these inhalers to move the medicine out of the inhaler so patients can breathe the medicine into their lungs. CFCs are harmful to the environment because they decrease the protective ozone layer above the Earth.

The United States signed an international agreement along with many other countries. The agreement is called the "Montreal Protocol on Substances that Deplete the Ozone Layer." These countries promised to make it illegal to make or sell substances that decrease the ozone layer, including CFCs, after certain dates.

2. When will epinephrine CFC inhalers be gone?

Epinephrine CFC inhalers cannot be made or sold after December 31, 2011, because CFCs harm the environment. This date gives patients time to talk to a doctor and switch to another medicine to treat their asthma.

3. What should I do if I use an epinephrine CFC inhaler?

If you use an epinephrine CFC inhaler for asthma, you should talk to a doctor about switching to a different medicine to treat your asthma. There is no other FDA-approved epinephrine inhaler made without CFCs or sold without a prescription.

4. What other inhalers can I use for my asthma?

There are inhalers that have another medicine that can treat asthma, such as albuterol HFA inhalers. Hydrofluoroalkanes, also called, HFAs, are different propellants, or sprays, than CFCs, and HFAs don't harm the environment. You will need a doctor's prescription to buy these albuterol HFA inhalers.

5. How are albuterol HFA inhalers and epinephrine CFC inhalers alike?

- Albuterol HFA inhalers are metered-dose inhalers that you use in the same way as you use the epinephrine CFC inhalers.
- Albuterol HFA inhalers are safe and effective for these FDA approved uses: treatment or prevention of bronchospasm in patients with reversible obstructive airway disease, including asthma and chronic obstructive pulmonary disease, also called COPD.

6. How are albuterol HFA inhalers and epinephrine CFC inhalers different?

- You can only buy albuterol HFA inhalers with a prescription from your doctor. You can buy epinephrine CFC inhalers without a prescription until December 31, 2011. After that date, epinephrine CFC inhalers cannot be made or sold in the United States.
- Albuterol HFA and epinephrine CFC inhalers may taste and feel different.
- You have to clean and prime the albuterol HFA inhalers so they work in the right way and give the right dose of medicine.

7. The albuterol HFA inhalers cost more than the epinephrine CFC inhalers. What can I do if it's hard for me to pay for an HFA inhaler?

- Talk to a healthcare professional about programs that help patients get medicines they need.
- Some drug companies have patient-assistance programs that make medicines available to patients at no cost, or at a lower cost.
- Some patients may be able to get help paying for medicines from the Centers for Medicare & Medicaid Services.

8. Is it safe to buy albuterol HFA inhalers over the Internet?

Buying your medicine online can be easy; just make sure you do it safely. The Internet makes it possible to compare prices and buy products without leaving home. But when it comes to buying medicine online, it is important to be careful. Some websites sell medicine that may not be safe to use and could put your health at risk. For more information, please see our guide: [Buying Prescription Medicines Online: A Consumer Safety Guide at W-W-W dot F-D-A dot GOV slash D-R-U-G-S slash R-E-S-O-U-R-C-E-S-F-O-R-Y-O-U slash U-C-M-O-8-0-5-8-8 dot H-T-M](#) (²<http://www.fda.gov/Drugs/ResourcesForYou/ucm080588.htm>)

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EPA Stakeholder Meeting, September 8, 2011

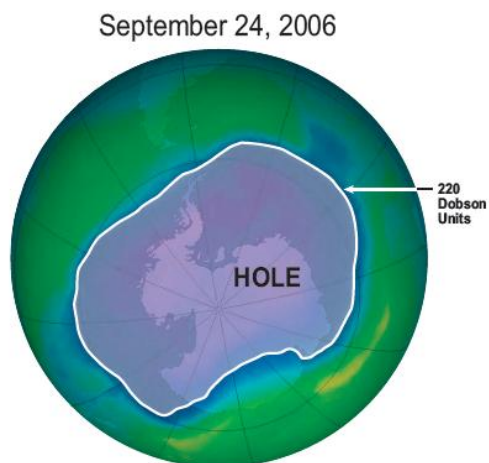
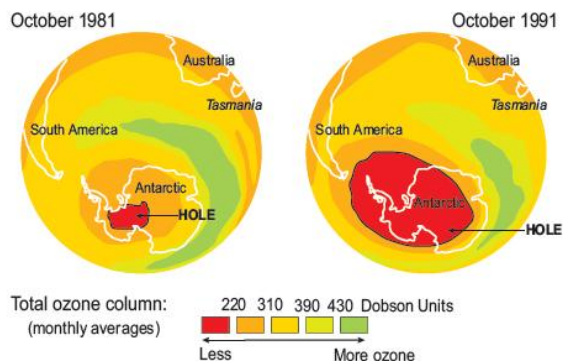
Criteria and Process that Removed the Exemption for CFC-Propelled Epinephrine MDIs

Badrul A. Chowdhury, MD, PhD

Director, Division of Pulmonary, Allergy, and
Rheumatology Products, Center for Drug Evaluation
and Research, US Food and Drug Administration

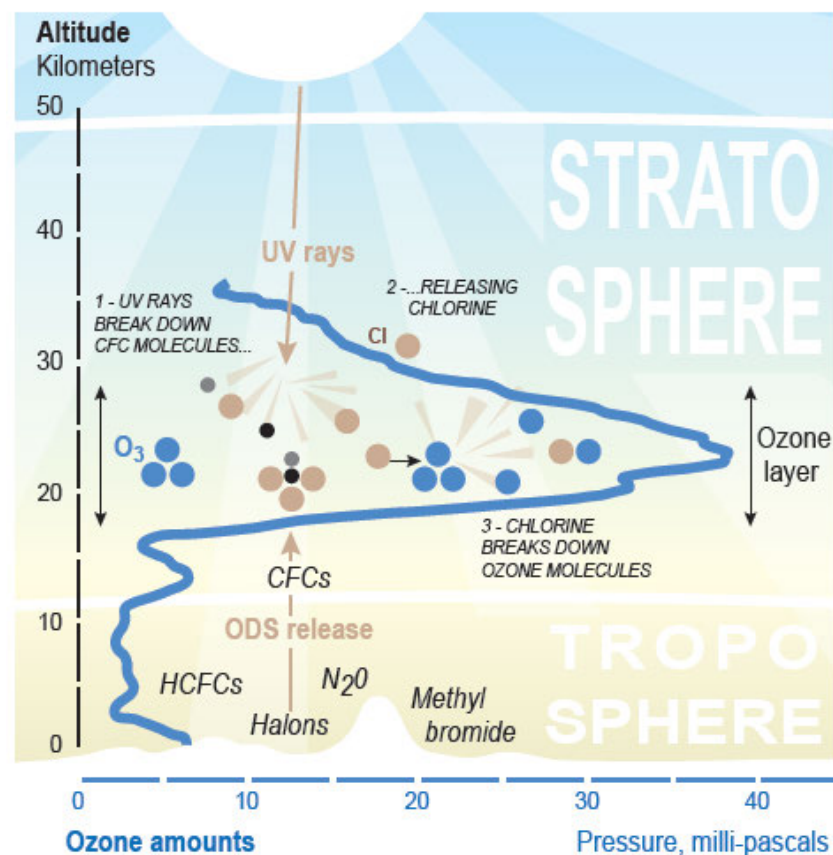
Ozone Depletion

The Antarctic Ozone Hole



From September 21-30, 2006, the average area of the ozone hole was the largest ever observed.

Ozone Destruction in the Stratosphere



Phase-out of CFC Use in MDIs

- Use of CFC banned in industrial countries effective 1996 and rest of the world effective 2010, except for essential uses
- Use of CFC in MDIs for asthma and COPD is conditionally exempted as essential medical use (FDA regulation 21 CFR 2.125, US Clean Air Act, and Montreal Protocol)

Status of CFC Propelled MDIs in the US

- Final Rules Removing Essential Use Designation of CFC Use

- Beclomethasone, dexamethasone, fluticasone, bitolterol, salmeterol, ergotamine tartrate, and ipratropium bromide
 - Effective April 23, 2007
 - 71 FR 70870 (December 7, 2006) and 72 FR 20942 (April 27, 2007)
- Albuterol
 - Effective December 31, 2008
 - 70 FR 17168 (April 4, 2005)
- Epinephrine
 - Effective December 31, 2011
 - 73 FR 69532 (November 19, 2008)

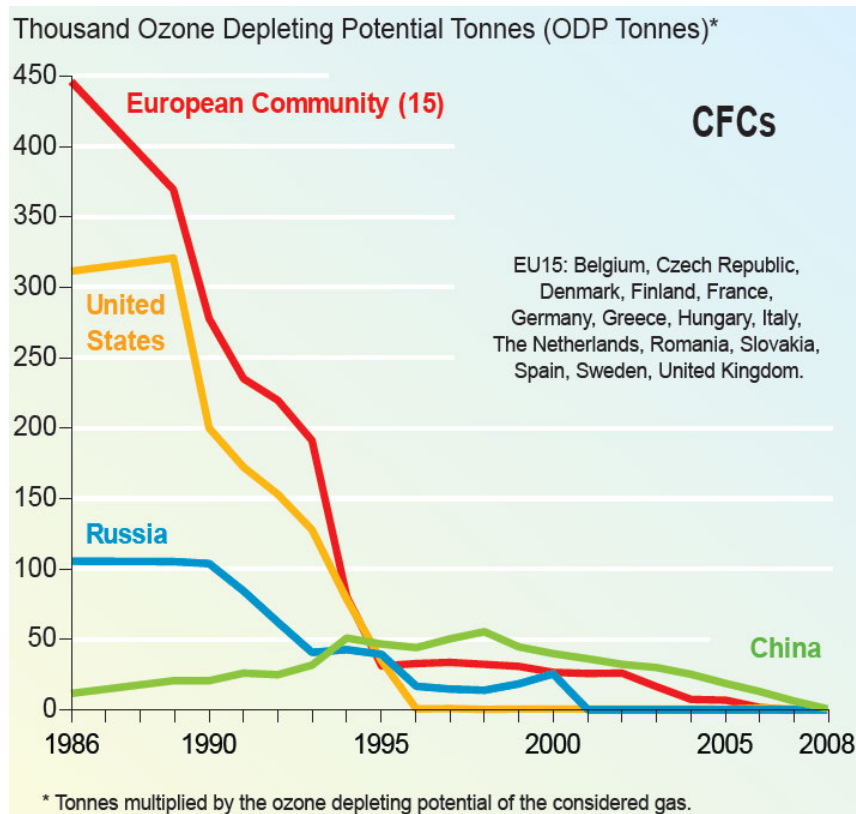
Status of CFC Propelled MDIs in the US

- Final Rules Removing Essential Use Designation of CFC Use (cont.)

- “Seven moieties” rule
 - Metaproterenol Effective June 14, 2010
 - Nedocromil Effective June 14, 2010
 - Triamcinolone Effective December 31, 2010
 - Cromolyn Effective December 31, 2010
 - Flunisolide Effective June 30, 2011
 - Pirbuterol Effective December 31, 2013
 - Albuterol and Ipratropium Effective December 31, 2013
 - 75 FR 19213 (April 14, 2010)

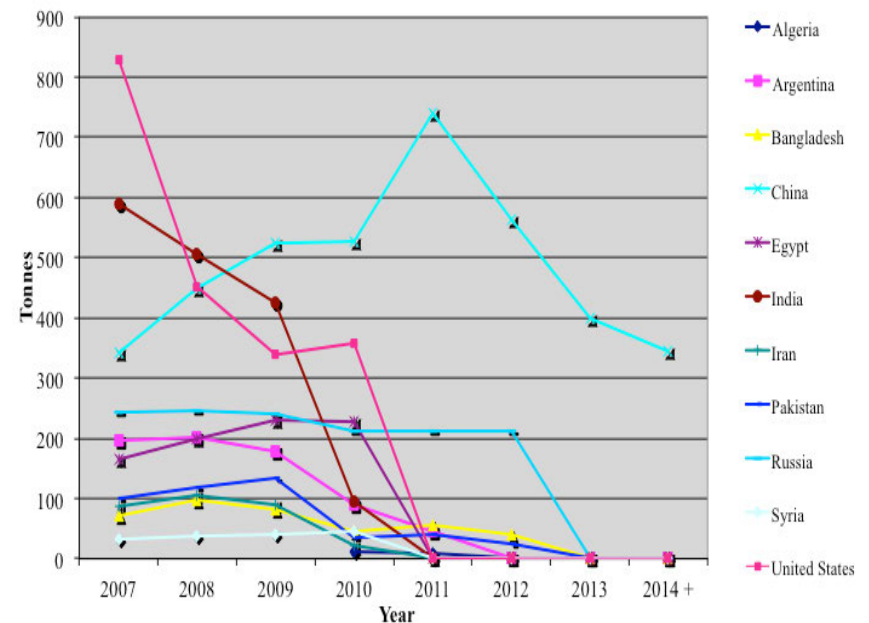
CFC Production and Usage

Production of the Main ODS Gases



UNEP, Vital Ozone Graphics 2.0

Estimated CFC Usage for MDI



UNEP, Report of the TEAP, May 2011

Essential Use

- Montreal protocol, Decision IV/25

- It is necessary for the health, safety or is critical for the functioning of society (encompassing cultural and intellectual aspects); and
- There are no available technically and economically feasible alternatives or substitutes that are acceptable from the standpoint of environment and health;

Essential Use - United States

- Criteria for Removal of CFC Propelled MDIs after January 1, 2005, codified in 21 CFR 2.125 (g)(2) that cross references 21 CFR 2.125(f)
- Meeting ONE of the following criteria is adequate
 - No technical barriers exist to formulating the product without ozone depleting substances (ODSs)
 - The product will not provide an unavailable important public health benefit
 - Use of the product releases cumulatively significant amounts of ODSs into the atmosphere not warranted by public health benefit
- Allows for removal of products for which there are no alternates with the same active moiety



Regulatory Procedure for Removal of CFC Propelled MDIs

- Codified in 21 CFR 2.125 (g)(2)
 - Consult Advisory Committee
 - Publish Proposed Rule
 - Hold Open Public Meeting
 - Publish Final Rule

Epinephrine MDIs

- Epinephrine is a short-acting adrenergic bronchodilator
- New Drug Application (NDA) for over-the-counter (OTC) epinephrine MDI was approved in 1956
- NDA was held by Wyeth Consumer Healthcare, and currently held by Armstrong Pharmaceuticals Inc.

Removal process for Epinephrine MDIs

- Advisory Committee, January 24, 2006

- Joint meeting of the Nonprescription Drug Advisory Committee (NDAC), and the Pulmonary and Allergy Drugs Advisory Committee (PADAC)
 - Wyeth estimated that 2-3 million people use OTC epinephrine MDIs
 - Convenience of having an OTC MDI for asthma discussed
 - Consensus opinion was that epinephrine MDIs present no significant therapeutic benefit and no advantage over albuterol MDIs
 - Majority of the Advisory Committee (11 No, 7 Yes) voted against retaining epinephrine's essential-use designation

Removal process for Epinephrine MDIs

- Proposed Rule, September 20, 2007

- Published in the Federal Register (72 FR 53711) on September 20, 2007, with the following tentative conclusion
 - There are no substantial technical barriers to formulating epinephrine as a product that does not release ODS, and therefore epinephrine no longer would no longer be an essential use of ODS
 - Proposed effective date was December 31, 2010

Removal process for Epinephrine MDIs

- Open Public Meeting, December 5, 2007

- Armstrong did not oppose the proposal to eliminate the essential-use status for epinephrine, but requested postponing the effective date to December 31, 2011, to allow time for development and approval of an HFA-propelled epinephrine before phase out
- A patients' advocacy organization presented results of surveys finding that OTC epinephrine does not present a public health benefit worthy of continued essential use exemption



Removal process for Epinephrine MDIs

- Final Rule, November 19, 2008

- Published in the Federal Register (73 FR 69532) on November 19, 2008, with the following conclusion
 - There are no substantial technical barriers to formulating epinephrine as a product that does not release ODS, and therefore epinephrine is no longer an essential use of ODS
 - Effective date of December 31, 2011

Epinephrine MDIs

- Public Health Benefit

- At the January 24, 2006, FDA Advisory Committee Meeting, the consensus opinion was that epinephrine MDIs present no significant therapeutic benefit and no advantage over albuterol MDIs
- Asthma Guidelines (NAEPP EPR-3) recommend against epinephrine use due to potential for excessive cardiac stimulation, especially in high doses, and recommends other short-acting beta-adrenergic bronchodilators (albuterol, levalbuterol, pirbuterol) instead
- Epinephrine MDIs do not provide “an unavailable important public health benefit” meaning that it does not
 - save lives
 - reduce or prevent an important morbidity
 - significantly increase patient quality of life

Epinephrine MDIs Phase-Out

- Epinephrine is a short-acting adrenergic bronchodilator marketed OTC
- 2-3 million people with asthma use OTC epinephrine (Presented by Wyeth at the FDA Advisory Committee Meeting, January 24, 2006)
- Albuterol MDIs marketed as a prescription product are a suitable alternative for patients currently using epinephrine MDIs

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- FDA is monitoring the transition closely
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 - Ensuring adequate supply of alternates (e.g., albuterol MDIs)

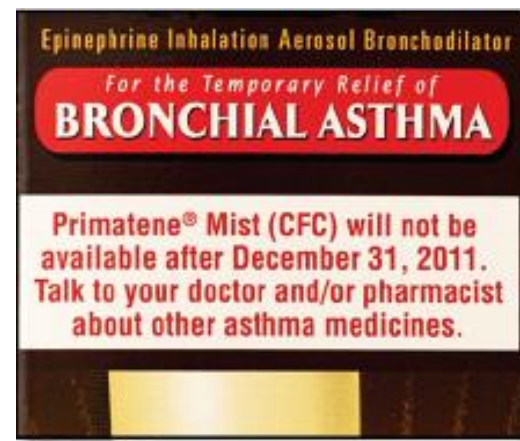
Epinephrine MDIs Phase-Out

Communication Efforts

- FDA public meeting – Educating the Public About Removal of Essential Use Designation for Epinephrine - September 2009
- FDA webpage
 - Questions and Answers in English and Spanish – November 2008
 - Patient Safety News – July 2010
 - Podcast – April 2011
 - Consumer Update article – March 2011
 - Pharmacy Today article – May 2011
- Presentations at various public meetings
- Epinephrine carton/container with the phase-out message approved - April 2010



Primatene Mist With Chlorofluorocarbons No Longer Available After Dec. 31, 2011





Epinephrine MDIs Phase-Out

Communication Efforts

- EPA Stakeholder Meeting on U.S. Transition of Ozone-Safe Metered Dose Inhalers – September 8, 2011
- FDA plans for additional stakeholder outreach – September 2011
- Armstrong encouraged to educate and reach out to patients to make the transition smooth for patients
- Albuterol manufacturers
 - ensure adequate supply of alternative of albuterol HFA products
 - encouraged to educate and provide assistance programs for patients during transition
- Stakeholder involvement on all aspects of the transition



Epinephrine MDIs Phase-Out Communication Efforts



U.S. Department of Health & Human Services



U.S. Food and Drug Administration

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Drugs

Phase-Out of Epinephrine CFC Metered-Dose Inhalers

Epinephrine metered dose inhalers (MDIs) that contain chlorofluorocarbons (CFC) are being phased out and cannot be sold in the United States after December 31, 2011. Patients who use epinephrine CFC inhalers need to talk to their health care professionals and switch to another medicine before that date.

Epinephrine Phase-Out

- [Inhaler phaseout approaching](#) ^{1,2}
FDA article in Pharmacy Today, 5/2011
- [FDA Drug Safety Podcast: Primatene Mist With Chlorofluorocarbons No Longer Available After Dec. 31, 2011](#) ³
4/18/2011
- [Primatene Mist With Chlorofluorocarbons No Longer Available After Dec. 31, 2011](#) ⁴
FDA Consumer Update article (3/16/2011)
- [Epinephrine CFC Metered-dose Inhalers - Questions and Answers](#) ⁵
- [Epinephrine CFC Metered-Dose Inhalers - Questions and Answers \(PDF - 182KB\)](#) ⁶
- [Epinephrine CFC Metered-dose Inhalers - Questions and Answers - Podcast - Full Version mp3 \(MP3 - 5495KB\)](#) ⁷
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- [Inhaladores de epinefrina CFC de dosis fija - Preguntas y respuestas](#) ⁹
- [Inhaladores de epinefrina CFC de dosis fija - Preguntas y respuestas \(PDF - 154KB\)](#) ¹⁰
- [Primatene Mist con Clorofluorocarbonos ya no estará disponible después del 31 de diciembre de 2011](#) ¹¹

General Information

- [Drug Treatments for Asthma and Chronic Obstructive Pulmonary Disease that Do Not Use Chlorofluorocarbons](#) ¹²
- [Phase-Out of CFC Metered-Dose Inhalers](#) ¹³

Regulatory Documents

- [Final Rule for Removal of Essential-Use Designation for Epinephrine](#) ¹⁴
11/19/2008
- [Final Rule - Use of Ozone-Depleting Substances: Removal of Essential-Use Designations](#) ¹⁵
4/4/2005
- [Letter Regarding Phase-out of Epinephrine CFC MDIs](#) ¹⁶
- [Educating the Public About Removal of Essential-Use Designation for Epinephrine](#) ¹⁷
Public workshop (9/25/2009)
- [Public Meeting on Essential Uses of Ozone Depleting Substances, December 5, 2007](#) ¹⁸

<http://www.fda.gov/Drugs/DrugSafety/InformationbyDrugClass/ucm193304.htm>

EPA Stakeholder Meeting, September 8, 2011

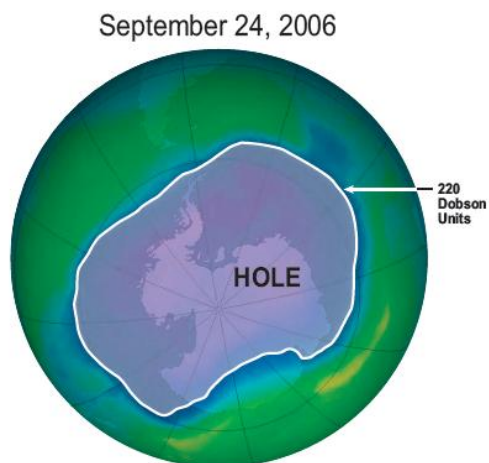
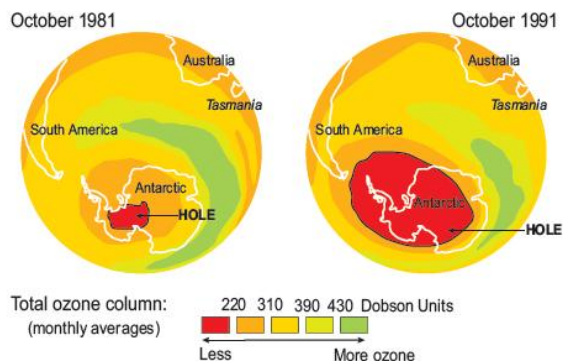
Criteria and Process that Removed the Exemption for CFC-Propelled Epinephrine MDIs

Badrul A. Chowdhury, MD, PhD

Director, Division of Pulmonary, Allergy, and
Rheumatology Products, Center for Drug Evaluation
and Research, US Food and Drug Administration

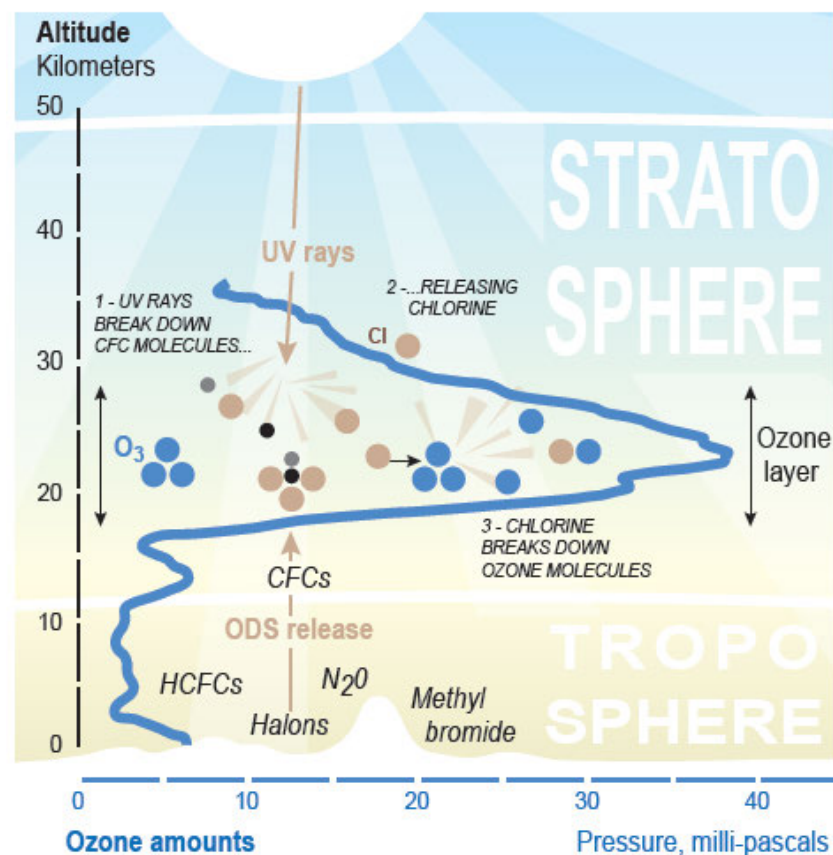
Ozone Depletion

The Antarctic Ozone Hole



From September 21-30, 2006, the average area of the ozone hole was the largest ever observed.

Ozone Destruction in the Stratosphere



Phase-out of CFC Use in MDIs

- Use of CFC banned in industrial countries effective 1996 and rest of the world effective 2010, except for essential uses
- Use of CFC in MDIs for asthma and COPD is conditionally exempted as essential medical use (FDA regulation 21 CFR 2.125, US Clean Air Act, and Montreal Protocol)

Status of CFC Propelled MDIs in the US

- Final Rules Removing Essential Use Designation of CFC Use

- Beclomethasone, dexamethasone, fluticasone, bitolterol, salmeterol, ergotamine tartrate, and ipratropium bromide
 - Effective April 23, 2007
 - 71 FR 70870 (December 7, 2006) and 72 FR 20942 (April 27, 2007)
- Albuterol
 - Effective December 31, 2008
 - 70 FR 17168 (April 4, 2005)
- Epinephrine
 - Effective December 31, 2011
 - 73 FR 69532 (November 19, 2008)

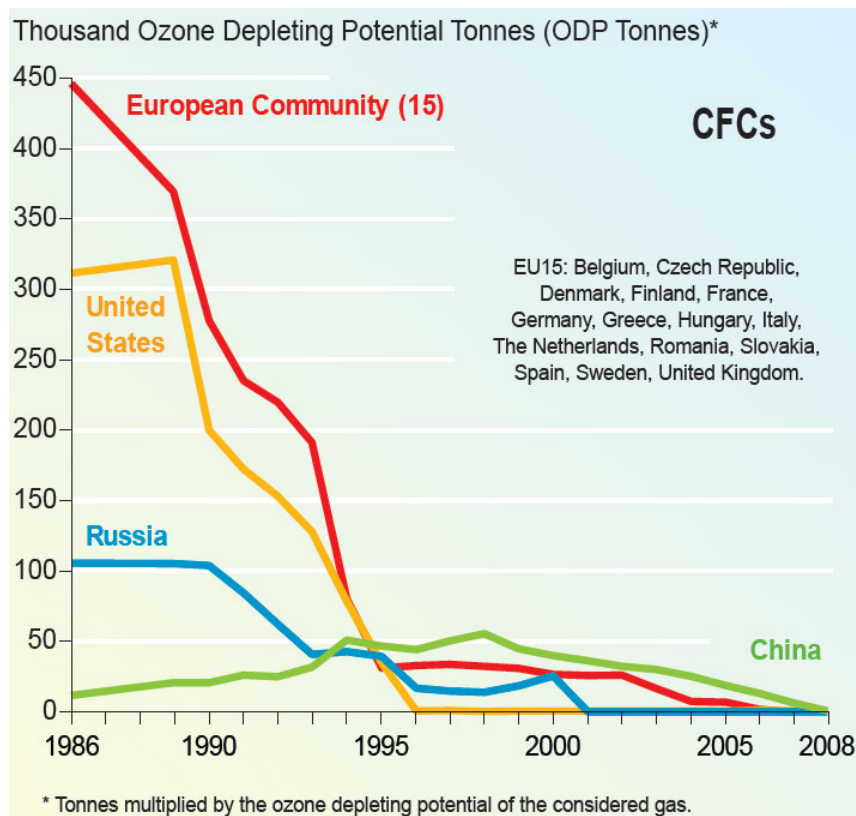
Status of CFC Propelled MDIs in the US

- Final Rules Removing Essential Use Designation of CFC Use (cont.)

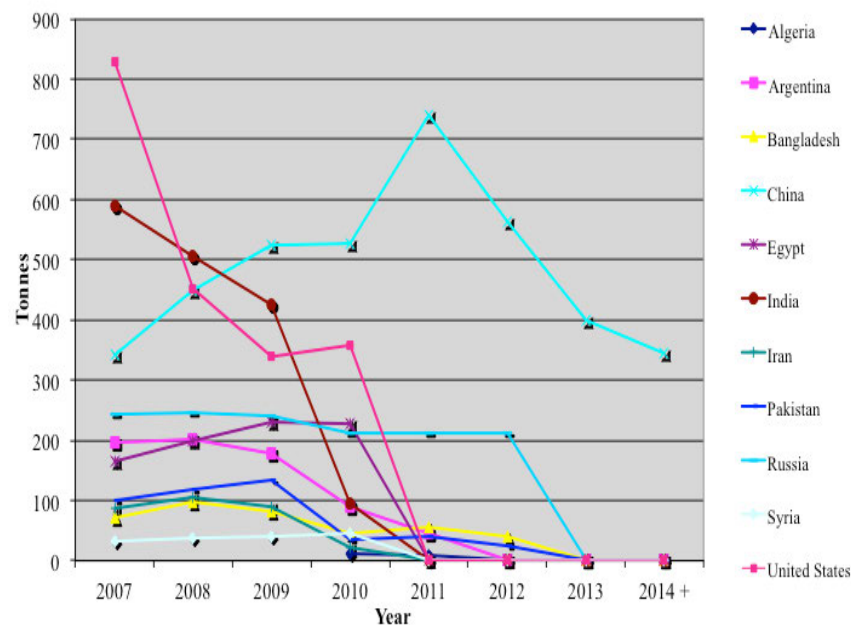
- “Seven moieties” rule
 - Metaproterenol Effective June 14, 2010
 - Nedocromil Effective June 14, 2010
 - Triamcinolone Effective December 31, 2010
 - Cromolyn Effective December 31, 2010
 - Flunisolide Effective June 30, 2011
 - Pirbuterol Effective December 31, 2013
 - Albuterol and Ipratropium Effective December 31, 2013
 - 75 FR 19213 (April 14, 2010)

CFC Production and Usage

Production of the Main ODS Gases



Estimated CFC Usage for MDI



UNEP, Report of the TEAP, May 2011

Essential Use

- Montreal protocol, Decision IV/25

- It is necessary for the health, safety or is critical for the functioning of society (encompassing cultural and intellectual aspects); and
- There are no available technically and economically feasible alternatives or substitutes that are acceptable from the standpoint of environment and health;

Essential Use - United States

- Criteria for Removal of CFC Propelled MDIs after January 1, 2005, codified in 21 CFR 2.125 (g)(2) that cross references 21 CFR 2.125(f)
- Meeting ONE of the following criteria is adequate
 - No technical barriers exist to formulating the product without ozone depleting substances (ODSs)
 - The product will not provide an unavailable important public health benefit
 - Use of the product releases cumulatively significant amounts of ODSs into the atmosphere not warranted by public health benefit
- Allows for removal of products for which there are no alternates with the same active moiety



Regulatory Procedure for Removal of CFC Propelled MDIs

- Codified in 21 CFR 2.125 (g)(2)
 - Consult Advisory Committee
 - Publish Proposed Rule
 - Hold Open Public Meeting
 - Publish Final Rule

Epinephrine MDIs

- Epinephrine is a short-acting adrenergic bronchodilator
- New Drug Application (NDA) for over-the-counter (OTC) epinephrine MDI was approved in 1956
- NDA was held by Wyeth Consumer Healthcare, and currently held by Armstrong Pharmaceuticals Inc.

Removal process for Epinephrine MDIs

- Advisory Committee, January 24, 2006

- Joint meeting of the Nonprescription Drug Advisory Committee (NDAC), and the Pulmonary and Allergy Drugs Advisory Committee (PADAC)
 - Wyeth estimated that 2-3 million people use OTC epinephrine MDIs
 - Convenience of having an OTC MDI for asthma discussed
 - Consensus opinion was that epinephrine MDIs present no significant therapeutic benefit and no advantage over albuterol MDIs
 - Majority of the Advisory Committee (11 No, 7 Yes) voted against retaining epinephrine's essential-use designation

Removal process for Epinephrine MDIs

- Proposed Rule, September 20, 2007

- Published in the Federal Register (72 FR 53711) on September 20, 2007, with the following tentative conclusion
 - There are no substantial technical barriers to formulating epinephrine as a product that does not release ODS, and therefore epinephrine no longer would no longer be an essential use of ODS
 - Proposed effective date was December 31, 2010

Removal process for Epinephrine MDIs

- Open Public Meeting, December 5, 2007

- Armstrong did not oppose the proposal to eliminate the essential-use status for epinephrine, but requested postponing the effective date to December 31, 2011, to allow time for development and approval of an HFA-propelled epinephrine before phase out
- A patients' advocacy organization presented results of surveys finding that OTC epinephrine does not present a public health benefit worthy of continued essential use exemption

Removal process for Epinephrine MDIs

- Final Rule, November 19, 2008

- Published in the Federal Register (73 FR 69532) on November 19, 2008, with the following conclusion
 - There are no substantial technical barriers to formulating epinephrine as a product that does not release ODS, and therefore epinephrine is no longer an essential use of ODS
 - Effective date of December 31, 2011

Epinephrine MDIs

- Public Health Benefit

- At the January 24, 2006, FDA Advisory Committee Meeting, the consensus opinion was that epinephrine MDIs present no significant therapeutic benefit and no advantage over albuterol MDIs
- Asthma Guidelines (NAEPP EPR-3) recommend against epinephrine use due to potential for excessive cardiac stimulation, especially in high doses, and recommends other short-acting beta-adrenergic bronchodilators (albuterol, levalbuterol, pirbuterol) instead
- Epinephrine MDIs do not provide “an unavailable important public health benefit” meaning that it does not
 - save lives
 - reduce or prevent an important morbidity
 - significantly increase patient quality of life

Epinephrine MDIs Phase-Out

- Epinephrine is a short-acting adrenergic bronchodilator marketed OTC
- 2-3 million people with asthma use OTC epinephrine (Presented by Wyeth at the FDA Advisory Committee Meeting, January 24, 2006)
- Albuterol MDIs marketed as a prescription product are a suitable alternative for patients currently using epinephrine MDIs



Epinephrine MDIs Phase-Out

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 - Regular inventory check with manufacturer
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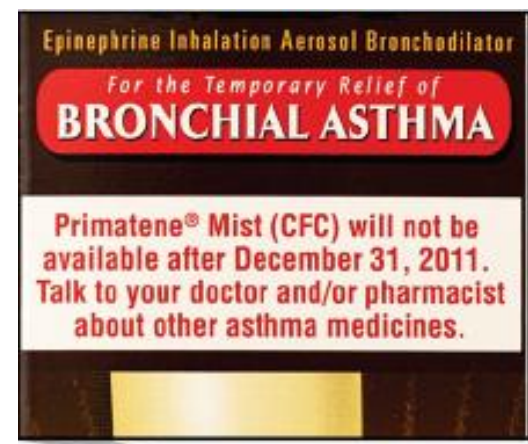
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FDA Consumer Health Information
www.fda.gov/consumer

Primatene Mist With Chlorofluorocarbons No Longer Available After Dec. 31, 2011





Epinephrine MDIs Phase-Out

Communication Efforts

- EPA Stakeholder Meeting on U.S. Transition of Ozone-Safe Metered Dose Inhalers – September 8, 2011
- FDA plans for additional stakeholder outreach – September 2011
- Armstrong encouraged to educate and reach out to patients to make the transition smooth for patients
- Albuterol manufacturers
 - ensure adequate supply of alternative of albuterol HFA products
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Epinephrine MDIs Phase-Out Communication Efforts



U.S. Department of Health & Human Services



U.S. Food and Drug Administration

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Drugs

Phase-Out of Epinephrine CFC Metered-Dose Inhalers

Epinephrine metered dose inhalers (MDIs) that contain chlorofluorocarbons (CFC) are being phased out and cannot be sold in the United States after December 31, 2011. Patients who use epinephrine CFC inhalers need to talk to their health care professionals and switch to another medicine before that date.

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- [Drug Treatments for Asthma and Chronic Obstructive Pulmonary Disease that Do Not Use Chlorofluorocarbons](#) ¹²
- [Phase-Out of CFC Metered-Dose Inhalers](#) ¹³

Regulatory Documents

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- [Final Rule - Use of Ozone-Depleting Substances: Removal of Essential-Use Designations](#) ¹⁵
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- [Educating the Public About Removal of Essential-Use Designation for Epinephrine](#) ¹⁷
Public workshop (9/25/2009)
- [Public Meeting on Essential Uses of Ozone Depleting Substances, December 5, 2007](#) ¹⁸

<http://www.fda.gov/Drugs/DrugSafety/InformationbyDrugClass/ucm193304.htm>



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News & Events

FDA NEWS RELEASE

For Immediate Release: Sept. 22, 2011

Media Inquiries: Karen Riley, 301-796-4674, karen.riley@fda.hhs.gov

Consumer Inquiries: 888-INFO-FDA

FDA: Over-the-counter asthma inhalers containing chlorofluorocarbons (CFCs) will no longer be made or sold after Dec. 31, 2011. Users of Primatene Mist will need a prescription product to treat their asthma.

The U.S. Food and Drug Administration says users of epinephrine inhalers containing chlorofluorocarbons (CFCs) should plan now to get a prescription for a replacement product because these inhalers will not be made or sold after Dec. 31, 2011.

Epinephrine inhalers, marketed by Armstrong Pharmaceutical Inc. as Primatene Mist, are the only FDA-approved inhalers for the temporary relief of occasional symptoms of mild asthma that are sold over-the-counter in retail stores without a prescription. The product uses CFCs to propel the medicine out of the inhaler so that consumers can breathe it into their lungs.

However, Primatene Mist will no longer be available by year's end because no CFC-containing epinephrine inhalers can be made or sold after Dec. 31, 2011, to comply with obligations made under the Montreal Protocol on Substances that Deplete the Ozone Layer. This is an international agreement signed by the United States, in which countries agreed to phase-out substances that deplete the ozone layer, including CFCs, after certain dates.

"If you rely on an over-the-counter inhaler to relieve your asthma symptoms, it is important that you contact a health care professional to talk about switching to a different medicine to treat your asthma," said Badrul Chowdhury, M.D., director of the Division of Pulmonary, Allergy and Rheumatology Products in the FDA's Center for Drug Evaluation and Research.

The FDA began public discussions about the use of CFCs in epinephrine inhalers in January 2006. The FDA finalized the phase-out date for using CFCs in these inhalers and notified the public in November 2008. Many manufacturers have changed their inhalers to replace CFCs with an environmentally-friendly propellant called hydrofluoroalkane (HFA). There is currently no HFA version of epinephrine inhalers.

There are, however, many other safe and effective inhalers to treat asthma symptoms. All of these inhalers require a prescription, which must come from a licensed health care professional (physician, physician's assistant or nurse practitioner). Current epinephrine inhaler users that don't have a health care professional to write them a new prescription can ask a family member or friend what doctor they use and would recommend, or they can visit a federally-qualified health center, local clinic, community health center, or minute-clinic (sometimes located in pharmacies) to see a health care professional and get a prescription.

Primatene Mist already carries a prominent notice about the phase-out date on its product label, and the FDA encourages Armstrong Pharmaceutical to further educate consumers as the deadline approaches to ensure an incident-free transition. The agency also will continue to work with retailers and pharmacies to facilitate a smooth phase-out of this CFC product and is prepared to review applications for replacement products.

For more information:

- [Phase Out of Epinephrine CFC Metered-Dose Inhalers](#)¹
- [Epinephrine CFC Metered-dose Inhalers - Questions and Answers](#)²
- [Consumer Update: Primatene Mist with Chlorofluorocarbons No Longer Available After Dec. 31, 2011](#)³

The FDA, an agency within the U.S. Department of Health and Human Services, protects the public health by assuring the safety, effectiveness, and security of human and veterinary drugs, vaccines and other biological products for human use, and medical devices. The agency also is responsible for the safety and security of our nation's food supply, cosmetics, dietary supplements, products that give off electronic radiation, and for regulating tobacco products.

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2. [/Drugs/DrugSafety/InformationbyDrugClass/ucm080427.htm](#)
3. [/ForConsumers/ConsumerUpdates/ucm247196.htm](#)
4. <http://www.fda.gov/AboutFDA/ContactFDA/StayInformed/RSSFeeds/PressReleases/rss.xml>
5. <http://www.fda.gov/AboutFDA/ContactFDA/StayInformed/RSSFeeds/ucm144575.htm>



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News & Events

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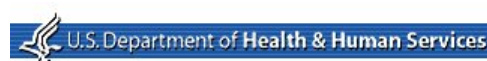
The FDA, an agency within the U.S. Department of Health and Human Services, protects the public health by assuring the safety, effectiveness, and security of human and veterinary drugs, vaccines and other biological products for human use, and medical devices. The agency also is responsible for the safety and security of our nation's food supply, cosmetics, dietary supplements, products that give off electronic radiation, and for regulating tobacco products.

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5. <http://www.fda.gov/AboutFDA/ContactFDA/StayInformed/RSSFeeds/ucm144575.htm>



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Drugs

Epinephrine CFC Metered-dose Inhalers - Questions and Answers

Epinephrine CFC metered-dose inhalers used to treat asthma (known as Primatene Mist or Epinephrine Mist) cannot be made or sold in the United States after December 31, 2011.

Some common questions and answers:

1. [When will epinephrine CFC inhalers be gone?](#)
2. [What should I do if I use an epinephrine CFC inhaler?](#)
3. [What if I don't currently have a doctor or health professional who can write me a new prescription?](#)
4. [What other inhalers can I use for my asthma?](#)
5. [How are albuterol HFA inhalers and epinephrine CFC inhalers alike?](#)
6. [How are albuterol HFA inhalers and epinephrine CFC inhalers different?](#)
7. [The albuterol HFA inhalers may cost more than the epinephrine CFC inhalers. What can I do if it's hard for me to pay for an HFA inhaler?](#)
8. [If I want to purchase health insurance, where can I go to find out what health insurance options I might currently have?](#)
9. [I am having problems with my health insurance. Who can I contact?](#)
10. [Why are over-the-counter epinephrine CFC inhalers being phased out?](#)
11. [Has the FDA received an application for a CFC-free Primatene Mist replacement?](#)
12. [Is it safe for epinephrine users to "purchase sufficient" amounts of Primatene Mist to use following the phase out date of December 31, 2011?](#)

1. When will epinephrine CFC inhalers be gone?

Epinephrine CFC inhalers, marketed as Primatene Mist, cannot be made or sold after December 31, 2011. This date gives patients time to talk to a doctor and switch to another medicine to treat their asthma.

2. What should I do if I use an epinephrine CFC inhaler?

If you use an epinephrine CFC inhaler for asthma, you should talk to a doctor or other health care professional about switching to a different medicine to treat your asthma. There is currently no over-the-counter or prescription epinephrine inhaler made without CFCs.

3. What if I don't currently have a doctor or health professional who can write me a new prescription?

If you don't have a doctor or health care professional (nurse practitioner, physician's assistant) who prescribes medications for you, you can find one through a variety of ways:

1. Ask a family member, friend, or coworker what doctor they use and would recommend
2. Visit a federally-qualified health center, where patients pay to see a doctor based on their income and what they can afford. Visit http://findahealthcenter.hrsa.gov/Search_HCC.aspx¹ to learn more or call 1-888-ASK-HRSA (888-275-4772)
3. Visit a local clinic, community health center, or minute-clinic (sometimes located in a pharmacy)

4. What other inhalers can I use for my asthma?

There are inhalers that contain other medicines that can treat asthma, such as albuterol HFA inhalers. Hydrofluoroalkanes (HFAs) are different propellants (spray) than CFCs. You will need a doctor's prescription to buy these.

5. How are albuterol HFA inhalers and epinephrine CFC inhalers alike?

Albuterol HFA inhalers are metered-dose inhalers that you use in the same way as you use the epinephrine CFC inhalers.

Albuterol HFA inhalers are safe and effective for these FDA approved uses: treatment or prevention of bronchospasm in patients with reversible obstructive airway disease, including asthma and chronic obstructive pulmonary disease (COPD).

6. How are albuterol HFA inhalers and epinephrine CFC inhalers different?

You can only buy albuterol HFA inhalers with a prescription from your doctor. You can buy epinephrine CFC inhalers without a prescription until December 31, 2011. After that date, epinephrine CFC inhalers cannot be made or sold in the United States.

Albuterol HFA and epinephrine CFC inhalers may taste and feel different. The directions for use may be different. You have to clean and prime the albuterol HFA inhalers so they work in the right way and give the right dose of medicine.

7. The albuterol HFA inhalers may cost more than the epinephrine CFC inhalers. What can I do if it's hard for me to pay for an HFA inhaler?

1. Talk to a healthcare professional about programs that help patients get medicines they need.
2. Some drug companies have patient-assistance programs that make medicines available to patients at no cost, or at a lower cost. Contact the company that makes the drug that your health care professional prescribes.
3. Visit free local clinics and public hospitals for additional assistance with your medications.

8. If I want to purchase health insurance, where can I go to find out what health insurance options I might currently have?

If you are interested in finding/purchasing health insurance, we encourage you to use the Plan Finder at <http://finder.healthcare.gov>². The Plan Finder will help you figure out what options might be available to you.

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10. Why are over-the-counter epinephrine CFC inhalers being phased out?

Manufacturers use chlorofluorocarbons, or CFCs, as propellants (spray) in these inhalers to move the medicine out of the inhaler so patients can breathe the medicine into their lungs.

The United States signed an international agreement, called the [Montreal Protocol on Substances that Deplete the Ozone Layer](#)⁴ along with many other countries. These countries promised to make it illegal to make or sell substances that decrease the ozone layer, including CFCs, after certain dates.

11. Has the FDA received an application for a CFC-free Primatene Mist replacement?

The FDA cannot comment on the existence or status of pending drug applications.


12. Is it safe for epinephrine users to "purchase sufficient" amounts of Primatene Mist to use following the phase out date of December 31, 2011?

Epinephrine users can use the product after December 31 because the product phase-out only applies to the manufacture and sale of the product after December 31.

If you haven't used up your Primatene Mist by Dec. 31, 2011, it's safe to continue using it as long as it hasn't expired. Check the expiration date, which can be found on the product and its packaging. Individuals should always store the product as directed on the labeling, and it should be properly discarded when the expiration date is reached. Please reference the [FDA's Consumer Update](#)⁵ for additional information.

If you use an epinephrine CFC inhaler for asthma, you should talk to a doctor now about switching to a different medicine to treat your asthma.

Related Information

- [Phase-Out of Epinephrine CFC Metered-Dose Inhalers](#)⁶ Chlorofluorocarbon Containing Products No Longer Available After Dec. 31, 2011
- [FDA Drug Safety Podcast: Primatene Mist With Chlorofluorocarbons No Longer Available After Dec. 31, 2011](#)⁷ 4/18/2011
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- [Buying Prescription Medicine Online: A Consumer Safety Guide](#)⁹
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Drugs

Inhaladores de epinefrina CFC de dosis fija - Preguntas y respuestas

Los inhaladores de epinefrina CFC (clorofluorocarbono) de dosis fija utilizados para el tratamiento del asma (conocidos como Primatene Mist o Epinephrine Mist) no se podrán fabricar ni vender en Estados Unidos después del 31 de diciembre de 2011.

1. ¿Por qué se dejarán de producir los inhaladores de epinefrina CFC de venta sin receta médica?
2. ¿Cuándo desaparecerán los inhaladores de epinefrina CFC?
3. ¿Qué debo hacer si uso un inhalador de epinefrina CFC?
4. ¿Qué otros inhaladores puedo usar para tratar mi asma?
5. ¿En qué se asemejan los inhaladores de albuterol HFA y los inhaladores de epinefrina CFC?
6. ¿En qué se diferencian los inhaladores de albuterol HFA y los inhaladores de epinefrina CFC?
7. Los inhaladores de albuterol HFA cuestan más que los inhaladores de epinefrina CFC. ¿Qué puedo hacer si tengo dificultades para comprar un inhalador HFA?
8. ¿Es seguro comprar inhaladores de albuterol HFA a través del Internet?

1. ¿Por qué se dejarán de producir los inhaladores de epinefrina CFC de venta sin receta médica?

Los fabricantes usan clorofluorocarbonos o CFCs como propelentes (aerosoles) en estos inhaladores para descargar el medicamento del inhalador y facilitar la llegada de este a los pulmones. Los propelentes que contienen CFCs son dañinos para el medio ambiente, ya que reducen la capa de ozono que protege a la Tierra. Estados Unidos firmó, junto con muchos otros países, un tratado internacional que se llama Protocolo de Montreal relativo a las sustancias que reducen la capa de ozono (en inglés - www.unep.org/ozone/Montreal-Protocol/Montreal-Protocol2000.shtml¹²). Estos países prometieron hacer ilegal la fabricación o venta de sustancias que reduzcan la capa de ozono, lo que incluye los CFCs, después de ciertas fechas.

2. ¿Cuándo desaparecerán los inhaladores de epinefrina CFC?

Los inhaladores de epinefrina CFC no se podrán fabricar ni vender después del 31 de diciembre de 2011, debido a que los CFCs dañan el medio ambiente. Esta fecha les da a los pacientes tiempo para que hablen con su médico y se cambien a otro medicamento para tratar su asma.

3. ¿Qué debo hacer si uso un inhalador de epinefrina CFC?

Si usa un inhalador de epinefrina CFC para el asma, debe hablar con un médico acerca del cambio a un medicamento diferente para tratar su asma. No existe ningún otro inhalador de epinefrina aprobado por la FDA que se fabrique sin CFC o que se venda sin receta médica.

4. ¿Qué otros inhaladores puedo usar para tratar mi asma?

Existen inhaladores que contienen otros medicamentos que pueden tratar el asma, como los inhaladores de albuterol HFA. Los hidrofluoroalcanos (HFAs) son propelentes (aerosoles) distintos a los CFCs y los HFAs no dañan el medio ambiente. Necesitará una receta médica para adquirirlos.

5. ¿En qué se asemejan los inhaladores de albuterol HFA y los inhaladores de epinefrina CFC?

- Los inhaladores de albuterol HFA son inhaladores de dosis fija que se pueden usar de la misma manera que los inhaladores de epinefrina CFC.
- Además, son seguros y eficaces para los siguientes usos aprobados por la FDA: el tratamiento o la prevención de broncoespasmos en pacientes con enfermedad obstructiva reversible de las vías aéreas, lo que incluye el asma y la enfermedad pulmonar obstructiva crónica (EPOC).

6. ¿En qué se diferencian los inhaladores de albuterol HFA y los inhaladores de epinefrina CFC?

- Únicamente puede adquirir inhaladores de albuterol HFA con una receta médica. Puede comprar inhaladores de epinefrina CFC sin receta médica hasta el 31 de diciembre de 2011. Después de esta fecha no se podrán fabricar ni vender inhaladores de epinefrina CFC en los Estados Unidos.
- Los inhaladores de albuterol HFA y de epinefrina CFC pueden tener un sabor y textura diferentes.
- Debe limpiar y preparar (preparar un inhalador implica agitarlo bien y luego hacer una prueba del inhalador al aire) los inhaladores de albuterol HFA de manera que funcionen correctamente y administren la dosis de medicamento adecuada.

7. Los inhaladores de albuterol HFA cuestan más que los inhaladores de epinefrina CFC. ¿Qué puedo hacer si tengo dificultades para comprar un inhalador HFA?

- Hable con su profesional de la salud sobre programas que ayudan a los pacientes a obtener los medicamentos que necesitan.
- Algunas empresas de medicamentos tienen programas de ayuda al paciente que proporcionan medicamentos sin costo o a un costo menor.
- Algunos pacientes pueden obtener ayuda de los Centros de Servicios de Medicare y Medicaid para comprar medicamentos.


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La compra de medicinas a través del Internet puede ser muy fácil. Sólo tiene que cerciorarse de que se haga de una forma segura. En Internet puede comparar precios y comprar productos sin salir de su casa. Sin embargo, cuando se trata de comprar medicamentos a través del Internet, es importante ser muy cuidadoso. Algunos sitios Web venden medicamentos que pueden no ser seguros y podrían poner en riesgo su salud. Para obtener más información, consulte nuestra guía: ["Compra de medicinas recetadas a través del Internet: Una guía para el consumidor. La compra de medicinas recetadas a través del Internet"](#)

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Para obtener más información sobre los inhaladores de epinefrina y de dosis fija, consulte: [Metered-Dose Inhalers](#) ⁴ (inhaladores de dosis fija, MDI por sus siglas en inglés)

Related Information

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Inhaladores de epinefrina CFC de dosis fija - Preguntas y respuestas

Los inhaladores de epinefrina CFC (clorofluorocarbono) de dosis fija utilizados para el tratamiento del asma (conocidos como Primatene Mist o Epinephrine Mist) no se podrán fabricar ni vender en Estados Unidos después del 31 de diciembre de 2011.

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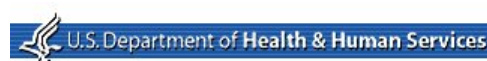
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Epinephrine CFC Metered-dose Inhalers - Questions and Answers

Epinephrine CFC metered-dose inhalers used to treat asthma (known as Primatene Mist or Epinephrine Mist) cannot be made or sold in the United States after December 31, 2011.

Some common questions and answers:

1. [When will epinephrine CFC inhalers be gone?](#)
2. [What should I do if I use an epinephrine CFC inhaler?](#)
3. [What if I don't currently have a doctor or health professional who can write me a new prescription?](#)
4. [What other inhalers can I use for my asthma?](#)
5. [How are albuterol HFA inhalers and epinephrine CFC inhalers alike?](#)
6. [How are albuterol HFA inhalers and epinephrine CFC inhalers different?](#)
7. [The albuterol HFA inhalers may cost more than the epinephrine CFC inhalers. What can I do if it's hard for me to pay for an HFA inhaler?](#)
8. [If I want to purchase health insurance, where can I go to find out what health insurance options I might currently have?](#)
9. [I am having problems with my health insurance. Who can I contact?](#)
10. [Why are over-the-counter epinephrine CFC inhalers being phased out?](#)
11. [Has the FDA received an application for a CFC-free Primatene Mist replacement?](#)
12. [Is it safe for epinephrine users to "purchase sufficient" amounts of Primatene Mist to use following the phase out date of December 31, 2011?](#)

1. When will epinephrine CFC inhalers be gone?

Epinephrine CFC inhalers, marketed as Primatene Mist, cannot be made or sold after December 31, 2011. This date gives patients time to talk to a doctor and switch to another medicine to treat their asthma.

2. What should I do if I use an epinephrine CFC inhaler?

If you use an epinephrine CFC inhaler for asthma, you should talk to a doctor or other health care professional about switching to a different medicine to treat your asthma. There is currently no over-the-counter or prescription epinephrine inhaler made without CFCs.

3. What if I don't currently have a doctor or health professional who can write me a new prescription?

If you don't have a doctor or health care professional (nurse practitioner, physician's assistant) who prescribes medications for you, you can find one through a variety of ways:

1. Ask a family member, friend, or coworker what doctor they use and would recommend
2. Visit a federally-qualified health center, where patients pay to see a doctor based on their income and what they can afford. Visit http://findahealthcenter.hrsa.gov/Search_HCC.aspx¹ to learn more or call 1-888-ASK-HRSA (888-275-4772)
3. Visit a local clinic, community health center, or minute-clinic (sometimes located in a pharmacy)

4. What other inhalers can I use for my asthma?

There are inhalers that contain other medicines that can treat asthma, such as albuterol HFA inhalers. Hydrofluoroalkanes (HFAs) are different propellants (spray) than CFCs. You will need a doctor's prescription to buy these.

5. How are albuterol HFA inhalers and epinephrine CFC inhalers alike?

Albuterol HFA inhalers are metered-dose inhalers that you use in the same way as you use the epinephrine CFC inhalers.

Albuterol HFA inhalers are safe and effective for these FDA approved uses: treatment or prevention of bronchospasm in patients with reversible obstructive airway disease, including asthma and chronic obstructive pulmonary disease (COPD).

6. How are albuterol HFA inhalers and epinephrine CFC inhalers different?

You can only buy albuterol HFA inhalers with a prescription from your doctor. You can buy epinephrine CFC inhalers without a prescription until December 31, 2011. After that date, epinephrine CFC inhalers cannot be made or sold in the United States.

Albuterol HFA and epinephrine CFC inhalers may taste and feel different. The directions for use may be different. You have to clean and prime the albuterol HFA inhalers so they work in the right way and give the right dose of medicine.

7. The albuterol HFA inhalers may cost more than the epinephrine CFC inhalers. What can I do if it's hard for me to pay for an HFA inhaler?

1. Talk to a healthcare professional about programs that help patients get medicines they need.
2. Some drug companies have patient-assistance programs that make medicines available to patients at no cost, or at a lower cost. Contact the company that makes the drug that your health care professional prescribes.
3. Visit free local clinics and public hospitals for additional assistance with your medications.

8. If I want to purchase health insurance, where can I go to find out what health insurance options I might currently have?

If you are interested in finding/purchasing health insurance, we encourage you to use the Plan Finder at <http://finder.healthcare.gov>². The Plan Finder will help you figure out what options might be available to you.

9. I am having problems with my health insurance. Who can I contact?

If you have concerns or questions about the insurance you currently have, you can find a list of resources on the HHS Consumer Assistance page at www.healthcare.gov/consumerhelp³. If you do not have internet access and have questions about health insurance options, please call HHS at 888-393-2789.

10. Why are over-the-counter epinephrine CFC inhalers being phased out?

Manufacturers use chlorofluorocarbons, or CFCs, as propellants (spray) in these inhalers to move the medicine out of the inhaler so patients can breathe the medicine into their lungs.

The United States signed an international agreement, called the [Montreal Protocol on Substances that Deplete the Ozone Layer](#)⁴ along with many other countries. These countries promised to make it illegal to make or sell substances that decrease the ozone layer, including CFCs, after certain dates.

11. Has the FDA received an application for a CFC-free Primatene Mist replacement?

The FDA cannot comment on the existence or status of pending drug applications.


12. Is it safe for epinephrine users to "purchase sufficient" amounts of Primatene Mist to use following the phase out date of December 31, 2011?

Epinephrine users can use the product after December 31 because the product phase-out only applies to the manufacture and sale of the product after December 31.

If you haven't used up your Primatene Mist by Dec. 31, 2011, it's safe to continue using it as long as it hasn't expired. Check the expiration date, which can be found on the product and its packaging. Individuals should always store the product as directed on the labeling, and it should be properly discarded when the expiration date is reached. Please reference the [FDA's Consumer Update](#)⁵ for additional information.

If you use an epinephrine CFC inhaler for asthma, you should talk to a doctor now about switching to a different medicine to treat your asthma.

Related Information

- [Phase-Out of Epinephrine CFC Metered-Dose Inhalers](#)⁶ Chlorofluorocarbon Containing Products No Longer Available After Dec. 31, 2011
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From: [Drusilla Hufford](#)
To: [Sarah Dunham](#)
Cc: [Jackie Krieger](#)
Subject: Followups from Weekly
Date: 03/16/2012 03:33 PM
Attachments: [OECA Disinvestment in Stratospheric Protection Enforcement Final March 14 2012 \(Autosaved\).docx](#)
[AHRI Media Roundtable - draft - 3-15-12.pptx](#)

Sarah: Attached is the revised enforcement note, fyi, and I have left a message for Phil Brooks.

Also, I am attaching for you and Jackie an electronic copy of the draft AHRI slide set. I have deleted the final slides. fyi.

Thanks,

Drusilla



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e-mail: hufford.drusilla@epa.gov
<http://www.epa.gov/ozone>

From: [Cindy Newberg](#)
To: [Drusilla Hufford](#)
Cc: [David Donaldson](#)
Subject: Fw: CFC Compliance Advisory
Date: 11/19/2012 10:09 AM
Attachments: [Hurricane Katrina CFC guidance.word to adobe version.with ark comments.pdf](#)
[white goods handling memo 11 4 05.pdf](#)

This is about the request from Region II on Sandy

▼ [Jason Dressler](#)

----- Original Message -----

From: Jason Dressler
Sent: 11/16/2012 11:38 AM EST
To: Joseph Cardile
Cc: Elizabeth Whiteley; Abdi Mohamoud; Alexas Gilbert; Bella Maranion; Brian Riedel; Charlie Garlow; Cheryl Turcotte; Chetan Gala; Cindy Newberg; Dave Godwin; David Cobb; David Donaldson; David Rochlin; Dick Eaton; Elisa Rim; Abby Swaine; Ian Cohen; Janis Robinson; Jeffrey Bratko; Jeffrey Gahris; Jeremy Arling; Jerome Curtin; Joe Terriquez; Joe Westersund; Joyce-R6 Johnson; Julius Banks; Katharine Owens; Adam Meier; Kathleen Root; Katie McClintock; Keilly Witman; Kingsley Adeduro; Lornette Harvey; Louise Miles; Luke Hall-Jordan; Margaret Mnich; Marie Broadwell; Marie Stucky; Melissa Fiffer; Natalie Topinka; Nicole Radford; Padmini Singh; Rafael Sanchez; Robert Burchard; Sally Hamlin; Sara Breneman; Shanieka Pennamon; Staci Gatica; Victor Tu; Yvonne Lawson; Todd Russo
Subject: Re: CFC Compliance Advisory

Hi Joe,

I'm attaching a guidance document that we put together in Region 4 for the response efforts to Hurricane Katrina and Hurricane Rita. This was drafted in coordination with SPD and was also reviewed extensively at OGC and OECA prior to dissemination. Even though the document doesn't include a date, I've verified through emails that it was released publicly on October 28, 2005.



In addition, one of our OSCs monitoring the cleanup activities in Mississippi subsequently prepared the following guidance document specifically for white goods. It was intended to complement the above referenced document and incorporates additional guidance based on observations on the ground at that time.



I hope this helps. Please let me know if you have any questions. I'm in today and Monday, but then will be on leave through 11/27.

Jason Dressler
Environmental Engineer
South Air Enforcement Section
USEPA, Region 4
(404)562-9208

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print, copy, use or disclose this communication to others; also, please notify the sender by replying to this message, and then delete it from your system.

▼ Joseph Cardile---11/16/2012 10:10:28 AM---Hi Folks.....We've received some isolated complaints of improper disposal of white goods during the

From: Joseph Cardile/R2/USEPA/US
To: Elizabeth Whiteley/DC/USEPA/US@EPA
Cc: Abdi Mohamoud/R1/USEPA/US@EPA, Alexas
Gilbert/R8/USEPA/US@EPA, Bella Maranion/DC/USEPA/US@EPA, Brian
Riedel/R9/USEPA/US@EPA, Charlie Garlow/DC/USEPA/US@EPA, Cheryl
Turcotte/R8/USEPA/US@EPA, Chetan Gala/R4/USEPA/US@EPA, Cindy
Newberg/DC/USEPA/US@EPA, Dave Godwin/DC/USEPA/US@EPA, David
Cobb/R8/USEPA/US@EPA, David Donaldson/DC/USEPA/US@EPA, David
Rochlin/R8/USEPA/US@EPA, Dick Eaton/R3/USEPA/US@EPA, Elisa
Rim/DC/USEPA/US@EPA, Abby Swaine/R1/USEPA/US@EPA, Ian
Cohen/R1/USEPA/US@EPA, Janis Robinson/R8/USEPA/US@EPA, Jason
Dressler/R4/USEPA/US@EPA, Jeffrey Bratko/R5/USEPA/US@EPA, Jeffrey
Gahris/R5/USEPA/US@EPA, Jeremy Arling/DC/USEPA/US@EPA, Jerome
Curtin/R3/USEPA/US@EPA, Joe Terriquez/R7/USEPA/US@EPA, Joe
Westersund/R9/USEPA/US@EPA, Joyce-R6 Johnson/R6/USEPA/US@EPA,
Julius Banks/DC/USEPA/US@EPA, Katharine Owens/R5/USEPA/US@EPA,
Adam Meier/CI/USEPA/US@EPA, Kathleen Root/R3/USEPA/US@EPA, Katie
McClintock/R10/USEPA/US@EPA, Keilly Witman/DC/USEPA/US@EPA, Kingsley
Adeduro/R9/USEPA/US@EPA, Lornette Harvey/R4/USEPA/US@EPA, Louise
Miles/DC/USEPA/US@EPA, Luke Hall-Jordan/DC/USEPA/US@EPA, Margaret
Mnich/R7/USEPA/US@EPA, Marie Broadwell/R9/USEPA/US@EPA, Marie
Stucky/R6/USEPA/US@EPA, Melissa Fiffer/DC/USEPA/US@EPA, Natalie
Topinka/R5/USEPA/US@EPA, Nicole Radford/R4/USEPA/US@EPA, Padmini
Singh/DC/USEPA/US@EPA, Rafael Sanchez/DC/USEPA/US@EPA, Robert
Burchard/DC/USEPA/US@EPA, Sally Hamlin/DC/USEPA/US@EPA, Sara
Breneman/R5/USEPA/US@EPA, Shanieka Pennamon/R4/USEPA/US@EPA,
Staci Gatica/DC/USEPA/US@EPA, Victor Tu/R2/USEPA/US@EPA, Yvonne
Lawson/R4/USEPA/US@EPA
Date: 11/16/2012 10:10 AM
Subject: CFC Compliance Advisory

Hi Folks.....We've received some isolated complaints of improper disposal of white goods during the cleanup effort in response to Hurricane Sandy. In light of this, our RA has asked us to, among other things, prepare a "CFC compliance advisory" pertaining to proper disposal of small appliances and MVACs to post on Region 2's website. The target audience is the regulated community. We were wondering if any other region has already prepared something to this effect for this areas. If so, can you please provide us with a copy or link. In addition, we are drafting a letter outlining our CFC safe disposal requirements to send to municipalities in the storm affected areas responsible for the clean up. We are also planning to visit some scrap yards in these areas to assess the situation further. Thanks in advance.

Joe

From: [Drusilla Hufford](#)
To: [David Donaldson](#); [Cindy Newberg](#); [Kristinn Vazquez](#)
Subject: Fw: final OAP brfg
Date: 04/26/2012 03:57 PM
Attachments: [OAP-Overview 4 26 12 final.pptx](#)

FYI here are the final slides we shared with Betsy Shaw today.

Drusilla Hufford
U.S. EPA
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1200 Pennsylvania Avenue, NW (6205J)
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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 04/26/2012 03:56 PM -----

From: Richard Haeuber/DC/USEPA/US
To: krieger.jackie@epa.gov
Cc: Sarah Dunham/DC/USEPA/US@EPA, Ed Callahan/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA, craig.beth@epamail.epa.gov
Date: 04/26/2012 03:47 PM
Subject: Fw: final OAP brfg

This is the final version that we just presented -- just so everyone has it in their files.

Rick Haeuber, Ph.D.
Acting Director
Clean Air Markets Division
USEPA (6204J)
haeuber.richard@epa.gov
202-343-9250
<http://www.twitter.com/EPAairmarkets>
<http://www.facebook.com/EPAairmarkets>

----- Forwarded by Richard Haeuber/DC/USEPA/US on 04/26/2012 03:24 PM -----

From: Michael Cohen/DC/USEPA/US
To: Richard Haeuber/DC/USEPA/US@EPA
Cc: Colleen Mason/DC/USEPA/US@EPA
Date: 04/26/2012 12:05 PM
Subject: Re: Fw: final OAP brfg



For the record, here is the final final copy.
Only change is that I added me.

Michael Cohen
U.S. EPA (6204J)
Acting Chief, Assessment and Communications Branch
Clean Air Markets Division
cohen.michael@epa.gov
202-343-9497

From: [Drusilla Hufford](#)
To: [David Donaldson](#)
Cc: [Dave Godwin](#); [Luke Hall-Jordan](#)
Subject: Fw: FINAL version of slides for sarah tomorrow
Date: 11/29/2012 09:06 AM
Attachments: [Sarah exercise 11-29-12.pptx](#)

David - Tomorrow afternoon's meeting with Sarah is an important opportunity to talk through our T6 opportunities, and the attached briefing from Suzie K. is how we agreed to walk through it. Sadly, neither Cindy nor I are in tomorrow. I am asking that you work with Dave and Luke to decide a) whether both those guys can attend the meeting with you (both have crucial pieces of our future work); and b) among those able to attend, who should cover what in the T6 slides.

Thanks much for agreeing to act for me. The meeting is 2:30 on Sarah's calendar on Friday.

Drusilla

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 11/29/2012 09:04 AM -----

From: Suzanne Kocchi/DC/USEPA/US
To: Joe Bryson/DC/USEPA/US@EPA, Julie Rosenberg/DC/USEPA/US@EPA, Susan Wickwire/DC/USEPA/US@EPA, Jeb Stenhouse/DC/USEPA/US@EPA, Cindy Newberg/DC/USEPA/US@EPA, Bill Irving/DC/USEPA/US@EPA, Allen Fawcett/DC/USEPA/US@EPA, Denise Mulholland/DC/USEPA/US@EPA, Suzanne Waltzer/DC/USEPA/US@EPA, Pamela Franklin/DC/USEPA/US@EPA, Leif Hockstad/DC/USEPA/US@EPA, Chris Sherry/DC/USEPA/US@EPA, Jameel Alsalam/DC/USEPA/US@EPA, Shaun Ragnauth/DC/USEPA/US@EPA, Sara Ohrel/DC/USEPA/US@EPA
Cc: Paul Gunning/DC/USEPA/US@EPA, Beth Craig/DC/USEPA/US@EPA, Reid Harvey/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA, Jackie Krieger/DC/USEPA/US@EPA
Date: 11/29/2012 08:52 AM
Subject: FINAL version of slides for sarah tomorrow

Thank you all for your efforts in pulling these slides together for Sarah. Attached is what I consider the final version. If you have any final minor tweaks please send them to me NLT than 4 pm today. I am going to print these first thing in the morning. Thanks!

And as a reminder, here is the order Paul and I proposed so let us know if this doesn't work for you:

Intro/slides 1-5 Paul/Suzie

Power Sector, slides 6-12: Reid/Jeb

Industrial Sector, slides 13-17: Suzie/Joe B

Commercial/Res Sector, slides 18-21: CPPD

AFOLU, slides 22-25: Suzie/Paul

Title VI, slides 26-31: Cindy/Drusilla

Economy wide, slides 32-33: Allen

States, slides 34-37: Julie

Discussion: ALL



From: [Drusilla Hufford](#)
To: [Sarah Dunham](#)
Subject: Fw: For EO 12866/13563 Review -- Protection of Stratospheric Ozone: The 2013 Critical Use Exemption from the Phaseout of Methyl Bromide
Date: 09/13/2012 04:09 PM
Attachments: [EO12866MethylBromideCUE2060-AR83NPRM20120626.docx](#)

Sarah - John Thompson just wrote to tell us that OMB put the 2013 MeBr proposal into interagency review.

So, for your conversation with Gina, there has actually been some movement!

Nothing so far on HCFCs though, although that may matter less.

FYI only,

Drusilla

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 09/13/2012 04:08 PM -----

From: "Thompson, John E (OES)" <ThompsonJE2@state.gov>
To: Cindy Newberg/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA, David Donaldson/DC/USEPA/US@EPA
Cc: "San Martini, Federico M" <SanMartiniFM@state.gov>, "Pompian, Shawn M" <PompianSM@state.gov>
Date: 09/13/2012 03:56 PM
Subject: Fw: For EO 12866/13563 Review -- Protection of Stratospheric Ozone: The 2013 Critical Use Exemption from the Phaseout of Methyl Bromide

Fyi, received this just now.

From: Frey, Nathan J. (b) (6)
Sent: Thursday, September 13, 2012 03:54 PM
To: 'kmc@obpa.usda.gov' <kmc@obpa.usda.gov>; 'sarah.bittleman@osec.usda.gov' <sarah.bittleman@osec.usda.gov>; 'Teung.F.Chin@aphis.usda.gov' <Teung.F.Chin@aphis.usda.gov>; 'kunickis.sheryl@ars.usda.gov' <kunickis.sheryl@ars.usda.gov>; Engelberg, Noah (b) (6); MacNeil, John S. (b) (6); Hickey, Mike (b) (6);

Thompson, John E (OES); 'usdareg@obpa.usda.gov' <'usdareg@obpa.usda.gov'>;
'JSchaub@oce.usda.gov' <'JSchaub@oce.usda.gov'>; 'Brooke.Barron@osec.usda.gov'
<'Brooke.Barron@osec.usda.gov'>; Patel, Manisha
(b) (6); Karpel, Amy (b) (6)
Doherty, Julia (b) (6); Lee, Amanda I.
<(b) (6)>; Mancini, Dominic J.
<(b) (6)>; Ashenmiller, Bevin
(b) (6); San Martini, Federico M; Lee, Amanda I.
(b) (6); Hinchman, Robert (SMO)
(Robert.Hinchman@usdoj.gov) <Robert.Hinchman@usdoj.gov>; Klein, Jeffrey M
Subject: For EO 12866/13563 Review -- Protection of Stratospheric Ozone: The
2013 Critical Use Exemption from the Phaseout of Methyl Bromide

Attached for your review and comment please find the EPA proposed rule entitled,
*Protection of Stratospheric Ozone: The 2013 Critical Use Exemption from the Phaseout of
Methyl Bromide.*

SUMMARY: EPA is proposing uses that qualify for the 2013 critical use exemption and
the amount of methyl bromide that may be produced, imported, or supplied from
existing pre-phaseout inventory for those uses in 2013. EPA is taking action under the
authority of the Clean Air Act to reflect a recent consensus decision taken by the Parties
to the Montreal Protocol on Substances that Deplete the Ozone Layer at the Twenty-
Second Meeting of the Parties. EPA is seeking comment on the list of critical uses and on
EPA's determination of the amounts of methyl bromide needed to satisfy those uses.

Please provide comments to me by **COB Friday, October 5th**. Be advised that comments
provided directly to EPA are subject to the docketing provisions of section 307 of the
Clean Air Act.

As always, please do not distribute this draft outside of your agency. If there are other
agencies that should be participating in this review, please advise me and I will arrange
for distribution.

Thank you for your assistance.

Nathan Frey
Office of Information and Regulatory Affairs

(b) (6)



From: [Thompson, John E \(OES\)](#)
To: [Cindy Newberg/DC/USEPA/US@EPA](#); [Drusilla Hufford/DC/USEPA/US@EPA](#); [David Donaldson/DC/USEPA/US@EPA](#)
Cc: [San Martini, Federico M](#); [Pompian, Shawn M](#)
Subject: Fw: For EO 12866/13563 Review -- Protection of Stratospheric Ozone: The 2013 Critical Use Exemption from the Phaseout of Methyl Bromide
Date: 09/13/2012 03:56 PM
Attachments: [EO12866MethylBromideCUE2060-AR83NPRM20120626.docx](#)

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Sent: Thursday, September 13, 2012 03:54 PM
To: 'kmc@obpa.usda.gov' <kmc@obpa.usda.gov>; 'sarah.bittleman@osec.usda.gov' <sarah.bittleman@osec.usda.gov>; 'Teung.F.Chin@aphis.usda.gov' <Teung.F.Chin@aphis.usda.gov>; 'kunickis.sheryl@ars.usda.gov' <kunickis.sheryl@ars.usda.gov>; Engelberg, Noah (b) (6) MacNeil, John S. (b) (6) >; Hickey, Mike (b) (6) >; Thompson, John E (OES); 'usdareg@obpa.usda.gov' <usdareg@obpa.usda.gov>; 'JSchaub@oce.usda.gov' <JSchaub@oce.usda.gov>; 'Brooke.Barron@osec.usda.gov' <Brooke.Barron@osec.usda.gov>; Patel, Manisha (b) (6) >; Karpel, Amy (b) (6) >; Doherty, Julia (b) (6) >; Lee, Amanda I. (b) (6) >; Mancini, Dominic J. (b) (6) >; Ashenmiller, Bevin (b) (6) >; San Martini, Federico M; Lee, Amanda I. (b) (6) >; Hinchman, Robert (SMO) (Robert.Hinchman@usdoj.gov) <Robert.Hinchman@usdoj.gov>; Klein, Jeffrey M
Subject: For EO 12866/13563 Review -- Protection of Stratospheric Ozone: The 2013 Critical Use Exemption from the Phaseout of Methyl Bromide

Attached for your review and comment please find the EPA proposed rule entitled, *Protection of Stratospheric Ozone: The 2013 Critical Use Exemption from the Phaseout of Methyl Bromide*.

SUMMARY: EPA is proposing uses that qualify for the 2013 critical use exemption and the amount of methyl bromide that may be produced, imported, or supplied from existing pre-phaseout inventory for those uses in 2013. EPA is taking action under the authority of the Clean Air Act to reflect a recent consensus decision taken by the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer at the Twenty-Second Meeting of the Parties. EPA is seeking comment on the list of critical uses and on EPA's determination of the amounts of methyl bromide needed to satisfy those uses.

Please provide comments to me by **COB Friday, October 5th**. Be advised that comments provided directly to EPA are subject to the docketing provisions of section 307 of the Clean Air Act.

As always, please do not distribute this draft outside of your agency. If there are other agencies that should be participating in this review, please advise me and I will arrange for distribution.

Thank you for your assistance.

Nathan Frey

Office of Information and Regulatory Affairs

(b) (6)

From: [Diane McConkey](#)
To: [Drusilla Hufford](#)
Subject: Fw: for your review: OMB edits to MeBr/Primatene testimony
Date: 07/17/2012 02:52 PM
Attachments: [HEC 7-18-12 Primatene Mist Methyl Bromide passback.dem.docx](#)

My reactions are highlighted in green in the attached document.



----- Forwarded by Diane McConkey/DC/USEPA/US on 07/17/2012 02:50 PM -----

From: Cheryl Mackay/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA, Diane McConkey/DC/USEPA/US@EPA, Caroline Ahearn/DC/USEPA/US@EPA, Carolyn Levine/DC/USEPA/US@EPA, Sven-Erik Kaiser/DC/USEPA/US@EPA, David Donaldson/DC/USEPA/US@EPA
Cc: Joel Beauvais/DC/USEPA/US@EPA, Jonathan Lubetsky/DC/USEPA/US@EPA, Laura Vaught/DC/USEPA/US@EPA
Date: 07/17/2012 01:31 PM
Subject: for your review: OMB edits to MeBr/Primatene testimony

All:

Attached are OMB's comments on our testimony. Please let me know your office's response to these comments by 3:30 today. If there is a comment you don't want us to accept, please give me a short explanation of why (I will need this to go back to OMB).

To try to make this process as efficient as possible, I have read through the comments myself, and propose accepting them all, provided they do not make the testimony inaccurate. For the most part, I'm guessing there is no accuracy problem and I already inserted "EPA accepts." But I would like verification from all of you that these edits are ok. There are a few I wasn't so sure on, and I think they are all in Drusilla's and Diane's areas. I think they make the testimony better from a political/persuasiveness perspective (Laura, please let me know if you disagree on any), but I am concerned about accuracy. Drusilla/Diane, there are some comments for you that I put in all caps so you see them (I'm not yelling). Please let me know what you think.

In addition, State has made some comments outside the document. I think these are again for Drusilla and Diane. They are suggestions so we don't need to take them, and I think the first one is actually covered through another comment I proposed accepting. Here they are. Drusilla/Diane, feel free to edit the document accordingly to address these suggestions, if you would like.

[REDACTED]

(b) (5)

Cheryl A. Mackay
U.S. EPA
Office of Congressional Relations
tel: (202) 564-2023
fax: (202) 501-1550[attachment "HEC 7-18-12 Primatene Mist Methyl Bromide
passback.docx" deleted by Diane McConkey/DC/USEPA/US]

From: [Drusilla Hufford](#)
To: [Susan Lewis](#)
Subject: Fw: for your review: OMB edits to MeBr/Primatene testimony
Date: 07/17/2012 02:12 PM
Attachments: [HEC 7-18-12 Primatene Mist Methyl Bromide passback.docx](#)

FYI passback from OMB

Drusilla Hufford
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e-mail: hufford.drusilla@epa.gov
<http://www.epa.gov/ozone>

----- Forwarded by Drusilla Hufford/DC/USEPA/US on 07/17/2012 02:12 PM -----

From: Cheryl Mackay/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA, Diane McConkey/DC/USEPA/US@EPA, Caroline Ahearn/DC/USEPA/US@EPA, Carolyn Levine/DC/USEPA/US@EPA, Sven-Erik Kaiser/DC/USEPA/US@EPA, David Donaldson/DC/USEPA/US@EPA
Cc: Joel Beauvais/DC/USEPA/US@EPA, Jonathan Lubetsky/DC/USEPA/US@EPA, Laura Vaught/DC/USEPA/US@EPA
Date: 07/17/2012 01:31 PM
Subject: for your review: OMB edits to MeBr/Primatene testimony

All:

Attached are OMB's comments on our testimony. Please let me know your office's response to these comments by 3:30 today. If there is a comment you don't want us to accept, please give me a short explanation of why (I will need this to go back to OMB).

(b) (5)



what you think.

Please let me know

(b) (5)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

=====

(b) (5)

[REDACTED]

[REDACTED]

(b) (5)

[Redacted text block]

Cheryl A. Mackay
U.S. EPA
Office of Congressional Relations
tel: (202) 564-2023
fax: (202) 501-1550



From: [Drusilla Hufford](#)
To: [Sarah Dunham](#)
Cc: [Jackie Krieger](#); [David Donaldson](#)
Bcc: drusillahufford@gmail.com
Subject: Fw: HEC 7-18-12 Primatene Mist Methyl Bromide Hrg draft Statement 7-13
Date: 07/13/2012 04:30 PM
Attachments: [HEC 7-18-12 Primatene Mist Methyl Bromide Hrg draft Statement 7-13.docx](#)

Sarah - Here is the transmittal copy from Joel to OCIR. I think it looks pretty good; thanks for the input,

Drusilla

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 07/13/2012 04:29 PM -----

From: Joel Beauvais/DC/USEPA/US
To: Laura Vaught/DC/USEPA/US@EPA, Cheryl Mackay/DC/USEPA/US@EPA
Cc: Jonathan Lubetsky/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA
Date: 07/13/2012 11:51 AM
Subject: HEC 7-18-12 Primatene Mist Methyl Bromide Hrg draft Statement 7-13

Laura, Cheryl - Here is our draft statement for the record for the MB/PM hearing. I trust you guys will handle review from OGC, OECA, OCSPP, Larry etc. If we're going to send this to OMB today, it would be helpful to get a passback in the next few hours, so we'll have time to wrap before the end of the day. Let us know what more you need from us on this.



[- HEC 7-18-12 Primatene Mist Methyl Bromide Hrg draft Statement 7-13.docx](#)

From: [Drusilla Hufford](#)
To: [David Donaldson](#)
Subject: Fw: HEC 7-18-12 Primatene Mist Methyl Bromide Hrg draft Statement 7-13
Date: 07/13/2012 01:07 PM
Attachments: [HEC 7-18-12 Primatene Mist Methyl Bromide Hrg draft Statement 7-13.docx](#)

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 07/13/2012 01:07 PM -----

From: Joel Beauvais/DC/USEPA/US
To: Laura Vaught/DC/USEPA/US@EPA, Cheryl Mackay/DC/USEPA/US@EPA
Cc: Jonathan Lubetsky/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA
Date: 07/13/2012 11:51 AM
Subject: HEC 7-18-12 Primatene Mist Methyl Bromide Hrg draft Statement 7-13

Laura, Cheryl - Here is our draft statement for the record for the MB/PM hearing. I trust you guys will handle review from OGC, OECA, OCSPP, Larry etc. If we're going to send this to OMB today, it would be helpful to get a passback in the next few hours, so we'll have time to wrap before the end of the day. Let us know what more you need from us on this.



[- HEC 7-18-12 Primatene Mist Methyl Bromide Hrg draft Statement 7-13.docx](#)

From: [Drusilla Hufford](#)
To: [Paul Horwitz](#)
Cc: [Kristinn Vazquez](#); [Cindy Newberg](#)
Subject: Fw: Hi DH - I have started work on updating the 2010 document - but dont have an electronic version - do you have a copy of it electronically? Thanks
Date: 10/04/2012 08:25 AM
Attachments: [SPD Progress Report 1-19-11-CLEAN .docx](#)

Paul - here it is. I am cc'ing the former EPA Deputy Director who had most to do with this, in case she has/knows of a file that post-dates this, but here is what we (as of now) think is the most recent version in electronic form.

Thanks,

Drusilla

Drusilla Hufford
U.S. EPA
Mailing address
1200 Pennsylvania Avenue, NW (6205J)
Washington, DC 20460
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1310 L St., NW
Washington, DC 20005
tel: 202-343-9101
cell: 202-253-2243
fax: 202-343-2363
e-mail: hufford.drusilla@epa.gov
<http://www.epa.gov/ozone>

----- Forwarded by Drusilla Hufford/DC/USEPA/US on 10/04/2012 08:23 AM -----

From: Cindy Newberg/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA
Cc: Kristinn Vazquez/DC/USEPA/US@EPA
Date: 10/04/2012 07:27 AM
Subject: Re: Fw: Hi DH - I have started work on updating the 2010 document - but dont have an electronic version - do you have a copy of it electronically? Thanks



Cindy Newberg, Chief
Alternatives & Emissions Reduction Branch
Stratospheric Protection Division
US Environmental Protection Agency
ph: 202-343-9729

▼ [Drusilla Hufford---10/04/2012 07:18:19 AM---Kris - SPD is working to update the 2010 report you helped so much to bring forward. I am now looki](#)

From: Drusilla Hufford/DC/USEPA/US
To: Kristinn Vazquez/DC/USEPA/US@EPA

Cc: Cindy Newberg/DC/USEPA/US@EPA

Date: 10/04/2012 07:18 AM

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Drusilla

Drusilla Hufford

U.S. EPA

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 10/04/2012 07:17 AM -----

From: Paul Horwitz/DC/USEPA/US

To: Drusilla Hufford/DC/USEPA/US@EPA

Date: 10/03/2012 02:59 PM

Subject: Hi DH - I have started work on updating the 2010 document - but dont have an electronic version - do you have a copy of it electronically?

Thanks

From: [Drusilla Hufford](#)
To: [Paul Horwitz](#)
Cc: [Kristinn Vazquez](#); [Cindy Newberg](#)
Subject: Fw: Hi DH - I have started work on updating the 2010 document - but dont have an electronic version - do you have a copy of it electronically? Thanks
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From: Paul Horwitz/DC/USEPA/US

To: Drusilla Hufford/DC/USEPA/US@EPA

Date: 10/03/2012 02:59 PM

Subject: Hi DH - I have started work on updating the 2010 document - but dont have an electronic version - do you have a copy of it electronically?

Thanks

From: [Drusilla Hufford](#)
To: [Kristinn Vazquez](#)
Subject: Fw: Information on Cataracts Story
Date: 08/02/2010 08:59 AM

Kris - Lindsey would like to do an on-camera interview shorter than the last through EPA today possibly at 12:30 - can you help this happen? Also, can I get a current copy of talkers for the report release? I have lost mine. Thanks.

Drusilla

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 08/02/2010 08:58 AM -----

From: lindsey briggs (b) (6)
To: Drusilla Hufford/DC/USEPA/US@EPA
Date: 08/02/2010 08:38 AM
Subject: Re: Information on Cataracts Story

Hi Drusilla,

Top of the morning to you! Thank you so much for this information! I left you a message to see what time would work best for you for an interview this today. It will be very quick. (quicker than last time). Also I tried getting in contact with Helen Rebull from the SunWise program and it seems like the phone number is disconnected. Nonetheless I would love to talk with you!

Look forward to hearing from you

Lindsey

On Fri, Jul 30, 2010 at 4:34 PM, <Hufford.Drusilla@epamail.epa.gov> wrote:

Lindsey: Monday may be possible - I am cc'ing my Deputy Kris Vazquez with this reply, so she can work to see if that is possible. In the meantime, I am very glad you wrote because today EPA put out a press release about our new cataracts report, with a wonderful forward by Prevent Blindness America. Below I am

attaching some overview information about the release. Let me or Kris know if you would like additional information, and thanks again for the opportunity to talk with you and your audiences about sun safety.

Best,

Drusilla

Subject: EPA Releases New Report - Protecting the Ozone Layer Protects Eyesight

Dear Public Health Professional,

Kicking off August as Cataract Awareness Month, EPA's Stratospheric Protection Division is pleased to announce a new peer-reviewed report that estimates cataract cases avoided through stronger ozone layer protection. EPA uses the Atmospheric and Health Effects Framework (AHEF) model to estimate skin cancer cases and deaths avoided by protecting the ozone layer. The new report shows that AHEF now has the capability to model avoided cataract cases resulting from various policy changes. For example, EPA estimates that the strengthening of the original Montreal Protocol through the Amendments of 1997 will avoid more than 22 million additional new cataract cases for Americans born between the years 1985 and 2100. EPA plans further updates to AHEF, including emissions scenarios consistent with the most recent WMO projections of ozone layer recovery, and reflective of the Montreal Protocol as it has evolved to date.

Attached please find a one-pager on the report, Protecting the Ozone Layer Protects Eyesight – A Report on Cataract Incidence in the United States Using the Atmospheric and Health Effects Framework Model.

You can access the full EPA report and press release at: www.epa.gov/ozone/strathome.html

Please feel free to contact me should you have any questions.

Thank you for your continued interest in stratospheric ozone protection,

Drusilla Hufford, Director, Stratospheric Protection Division, U.S. EPA

To learn more about how to prevent cataracts, from EPA's SunWise Program, visit: <http://www.epa.gov/sunwise/doc/eyedamage.pdf>.

For more information on Cataract Awareness Month and cataract symptoms please visit: www.preventblindness.org.

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<http://www.epa.gov/ozone>

-----lindsey briggs <(b) (6)> wrote: -----

To: Drusilla Hufford/DC/USEPA/US@EPA, Dave Ryan/DC/USEPA/US@EPA
From: lindsey briggs (b) (6) >
Date: 07/30/2010 11:03AM
Subject: Information on Cataracts Story

Hi Drusilla.

I wanted to thank you for your time this week for an interview on the UV index application to prevent Sun Cancer. I am interested in doing a story on Cataracts since it August is the month. Can we set up a time for Monday? also can you let me know of any kick-off events that maybe happening this upcoming week if there is something I do not know of. This would be great!

I look forward to hearing from you!

Lindsey

--

Lindsey D. Briggs
KAMR 4 Amarillo, Texas
Washington D.C. Correspondent (857) 222-5337

--

Lindsey D. Briggs
KAMR 4 Amarillo, Texas
Washington D.C. Correspondent (857) 222-5337

From: [Drusilla Hufford](#)
To: [Margaret Sheppard](#)
Cc: [Cindy Newberg](#)
Subject: Fw: N-Propyl Bromide information
Date: 04/07/2008 11:11 AM

Margaret:

Here is an inquiry from our colleagues in OAQPS on our favorite topic, npb. Can you review this and give me five minutes today on what such a briefing might include? I understand that with your schedule, it needs to happen this week.

Drusilla

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 04/07/2008 11:10 AM -----

Robin Dunkins/RTP/USEPA/US

04/03/2008 09:58 PM

To "Drusilla Hufford" <Hufford.Drusilla@epamail.epa.gov>
cc
Subject Fw: N-Propyl Bromide information

Drusilla, did your office promulgate the rule below. Can someone brief me on this. I need to understand how this works with rule in my group currently under litigation.

Thanks

Robin

Robin Dunkins, Leader,
Natural Resources and Commerce Group
US Environmental Protection Agency
919-541-5335

▼ [Ann Johnson](#)

----- Original Message -----

From: Ann Johnson
Sent: 04/03/2008 03:58 PM EDT
To: Tim Benner; chris.sarsony@e2m.net; Dave Guinnup; Lynn Dail; Winifred Okoye; Wendy Blake; Robin Dunkins
Subject: Re: N-Propyl Bromide information

As Tim indicated, EPA issued a final rule concerning use of n-propyl bromide in solvent cleaning on May 30, 2007 (<http://www.epa.gov/fedrgstr/EPA-AIR/2007/May/Day-30/a9707.pdf>). The rule was proposed in June 2003 (<http://www.epa.gov/EPA-AIR/2003/June/Day-03/a13254.htm>).

Note that the proposed and final rules established an n-propyl bromide "community exposure guideline" of 1 ppm. Presumably we would ensure that any exposures resulting from substitution under the halogenated solvent rulemaking would be below this guideline.

I plan to follow up with OAP to see if there is anything more to this (generally) -- unless someone else already has.

PROPOSED

Protection of Stratospheric Ozone: Listing of Substitutes for Ozone-Depleting Substances--n-Propyl Bromide

[Federal Register: June 3, 2003 (Volume 68, Number 106)]

[Proposed Rules]

[Page 33283-33316]

From the Federal Register Online via GPO Access [wais.access.gpo.gov]

[DOCID:fr03jn03-39]

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 82

[FRL-7504-3]

RIN 2060-AK28

Protection of Stratospheric Ozone: Listing of Substitutes for

AGENCY: Environmental Protection Agency.

ACTION: Notice of proposed rulemaking.

---p. 33300---

3. Is the General Population Exposed To Too Much nPB?

As a part of the SNAP review process for alternative chemicals, EPA also considers exposure to the general population. Near facilities that use nPB in non-emissive applications such as vapor degreasing, exposure is expected to be insignificant. For emissive applications of nPB, such as an adhesive solvent in foam fabrication, we conducted a more detailed assessment of potential exposure to people living in the immediate vicinity of a facility. We first estimated a community exposure guideline, using EPA's Methods for Derivation of Reference Concentration Guidelines (1994) as a risk index to compare against potential community exposure. This community exposure guideline is an estimate of a continuous inhalation exposure (averaged over 24 hours per day, 7 days per week) to the general public (including sensitive subgroups) that is likely to be without an appreciable risk of adverse health effects during a lifetime. Community exposure guidelines can be derived from a NOAEL, LOAEL, or benchmark concentration, with uncertainty factors generally applied to reflect limitations of the data used. Average daily exposures of people living close to facilities where nPB is used in an emissive application were then estimated and compared to the community exposure guideline to determine whether nPB exposure presents an appreciable risk to the general population.

EPA derived the community exposure guideline for nPB using the same critical studies and BMDLs for spermatic effects and liver effects that were used in developing the AEL. Adjustments were made to account for continuous lifetime exposure and sensitive subpopulations. The lowest BMDL of 110 ppm was based on the incidence of liver effects (centrilobular vacuolation) in the two-generation reproductive study (WIL, 2001). Using EPA's dosimetry guidelines for a category 3 gas (US EPA, 1994), and making adjustments to account for continuous exposure, the human equivalent concentration (HEC) is $110 \text{ ppm} * (6 \text{ hours}/24 \text{ hours}) = 27.5 \text{ ppm}$. No adjustment for differences in pharmacokinetics was necessary based on EPA's RfC guidelines. EPA applied an UF of 3 for extrapolation from rat to human pharmacodynamics. An additional factor of 10 was applied for intrahuman variability including the protection of sensitive subpopulations (e.g., individuals with liver disease, children, or the elderly). Therefore, the total uncertainty factor was 30 (3 for differences in pharmacodynamics, 10 for sensitive subpopulations). The application of the uncertainty factor of 30 to the HEC of 27.5 ppm results in a community exposure guideline of approximately 1 ppm. EPA requests comment on the appropriate use of uncertainty factors for the community exposure guideline.

The next lowest BMDL (169 ppm) was for the effects on sperm motility in the second generation of male rats in the two generation study. In the derivation of a community exposure guideline RfC for this endpoint, EPA adjusted the BMDL to account for continuous exposure averaged over 24 hours a day, resulting in an HEC of 42 ppm. An uncertainty factor of up to 10 may be applied for animals to human extrapolation in consideration of potential differences in pharmacokinetics and pharmacodynamics. However, for the reasons listed earlier, we did not consider an uncertainty factor necessary to account for differences in pharmacokinetics. The results of the in vitro studies conducted with liver cells do not allow us to draw any conclusions regarding the relative sensitivity of the human and rat spermatocyte to nPB. Consequently, EPA applied a factor of 3 for differences in pharmacodynamics. Finally, an uncertainty factor of 10 was applied for intrahuman variability including the protection of sensitive individuals in the general population (e.g., children whose sex organs are in development, pregnant women, and individuals with low fertility). An overall uncertainty factor of 30 results (3 for differences in pharmacodynamics, and 10 for the protection of sensitive individuals). The application of the overall uncertainty factor (30) to the HEC (42 ppm) results in a community exposure guideline an RfC of approximately 1 ppm. The estimated community exposure guideline values are identical for both liver and reproductive effects. Consequently, EPA estimated that a RfC community exposure guideline of 1 ppm would be protective for all health endpoints--that is, someone exposed to an average of 1 ppm of nPB, 24 hours of every day during a lifetime, would not be at appreciable risk for adverse health effects during their lifetime.

The next step was to determine whether people living close to sites

where nPB is used in emissive applications could potentially be exposed to levels above the estimated RfC community exposure guideline of 1 ppm. Data collected from actual facilities (CCPCT, 2001) used to characterize two scenarios: (1) A typical large, high-use adhesive application facility where the closest resident is 100 meters away; and (2) a smaller facility with average-use adhesive application in an urban area, where the nearest resident is only 3 meters away.

EPA's SCREEN3 (US EPA, 1995a) air dispersion model was used to assess the likely maximum-potential concentration of nPB from single sources. This technique is typically used to evaluate air quality impacts of sources pursuant to the requirements of the Clean Air Act, such as New Source Review and air toxic regulations. The approach applied here was the initial-phase approach used to determine if either: (1) The source clearly poses no air quality problem or (2) the potential for an air quality problem exists. If a potential problem exists, then a more refined analysis is necessary.

The results from our screen indicated that modeled exposures in either scenario did not exceed the RfC of 1 ppm. The urban scenario where a facility uses fans to ventilate nPB horizontally (through windows or other openings in the walls as opposed to openings in the roof), modeled exposures of 0.24 ppm at a distance of 3 meters away from the source, 0.19 ppm at 5 meters from the source, and 0.13 ppm at 10 meters from the source. These levels were by far the highest concentrations of nPB exposures modeled. The majority of modeled exposures were at least an order of magnitude lower, and ranged from 0 ppm to 0.08 ppm. Because the community exposure guideline was not exceeded for any of the exposure scenarios in this conservative screening approach, EPA has concluded that nPB exposure to populations living close to adhesive application sites is not a major concern. A memo describing the risk screen in detail may be found in the public docket (ICF, 2002a).

FINAL

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 82

[EPA-HQ-OAR-2002-0064; FRL-8316-8]

RIN 2060-AO10

Protection of Stratospheric Ozone: Listing of Substitutes for Ozone-Depleting Substances-n-Propyl Bromide in Solvent Cleaning

AGENCY: Environmental Protection Agency **ACTION:** Final Rule

SUMMARY: The Environmental Protection Agency (EPA) determines that n-propyl bromide (nPB) is an acceptable substitute for methyl chloroform and chlorofluorocarbon (CFC)-113 in the solvent cleaning sector under the Significant New Alternatives Policy (SNAP) program under section 612 of the Clean Air Act. The SNAP program reviews alternatives to Class I and Class II ozone depleting substances and approves use of alternatives which do not present a substantially greater risk to public health and the environment than the substance they replace or than other available substitutes.

DATES: This final rule is effective on July 30, 2007

2 General Population Risks

In the 2003 NPRM, the Agency provided analyses demonstrating that people living in the immediate vicinity of a facility using nPB in spray adhesives would have exposures below the community exposure guideline of 1 ppm (68 FR 33300-33301). The community exposure guideline was derived considering both sperm motility and liver effects in the WIL (2001) 2-generation study using EPA's reference concentrations (RfC) guidelines (U.S. EPA, 1994b). Since the general population would not be exposed in excess of the community exposure guideline from a highly emissive application, the less emissive uses such as metals, electronics, and precision cleaning would create insignificant exposures (well below 1 ppm). Thus, we believe that proper use of nPB in solvent cleaning would not pose measurable risks to the general population.

Ann Johnson
U.S. Environmental Protection Agency
Office of the Administrator
Office of Policy, Economics and Innovation
1200 Pennsylvania Ave., NW
Mailcode 1803
Washington, DC 20460
phone: 202-564-5966, fax: 202-566-0268

▼ [Tim Benner/DC/USEPA/US](#)

Tim Benner/DC/USEPA/US

03/24/2008 02:37 PM

To: Lynn Dail/RTP/USEPA/US@EPA, Dave Guinnup/RTP/USEPA/US@EPA
cc: Ann Johnson/DC/USEPA/US@EPA, Winifred Okoye/DC/USEPA/US@EPA, chris.sarsony@e2m.net
Subject: N-Propyl Bromide information

(b) (5) [Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

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[Redacted]

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[Redacted]

[Redacted]

[Redacted]

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[Redacted]

[Redacted]

[Redacted]

From: [Drusilla Hufford](#)
To: [David Donaldson](#)
Subject: Fw: OMB questions and answers
Date: 02/23/2012 02:36 PM
Attachments: [comparisions for pre-charged cn1.doc](#)
[Follow up for OMB Sept 19 2008.doc](#)
[OMBresponse-precharged.doc](#)

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<http://www.epa.gov/ozone>

----- Forwarded by Drusilla Hufford/DC/USEPA/US on 02/23/2012 02:35 PM -----

From: Cindy Newberg/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA
Date: 02/21/2012 08:52 AM
Subject: OMB questions and answers



Cindy Newberg, Chief
Alternatives & Emissions Reduction Branch
Stratospheric Protection Division
US Environmental Protection Agency
ph: 202-343-9729

From: [Drusilla Hufford](#)
To: [MichelleL. Brown](#)
Subject: Fw: Outreach efforts w/attachments
Date: 01/09/2012 09:49 AM
Attachments: [Outreach Efforts on Epinephrine MDIs.docx](#)
[FDA presentation 9.8.11.pdf](#)
[SPD inhaler webpage.pdf](#)
[FDA Podcast transcript 2.pdf](#)
[FDA Podcast transcript 1.pdf](#)
[FDA PressAnnouncement.pdf](#)
[FDA Q&A espanol.pdf](#)
[FDA Q&A.pdf](#)
[Consumer Update article.pdf](#)
[Pharmacy Today article.pdf](#)

Michelle: Can you please print one copy of each of these attachments, put it in a labelled folder, and return to me? Thanks!

Drusilla

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 01/09/2012 09:48 AM -----

From: Jeremy Arling/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA
Cc: Kristinn Vazquez/DC/USEPA/US@EPA, David Donaldson/DC/USEPA/US@EPA
Date: 09/27/2011 02:09 PM
Subject: Outreach efforts w/attachments

Here is the updated outreach summary, with attachments of all the items



Jeremy Arling
U.S. EPA

Stratospheric Protection Division
Office of Atmospheric Programs
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Washington, D.C. 20460-0001
202-343-9055
202-343-2338 (f)
arling.jeremy@epa.gov

From: [Drusilla Hufford](#)
To: [Cindy Newberg](#)
Subject: Fw: Overview Presentation for Betsy Shaw
Date: 04/20/2012 01:42 PM
Attachments: [OAP-Overview-120420.RB.ppt](#)

fyi only - thought you might be interested to see Rona's changes....

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 04/20/2012 01:41 PM -----

From: Rona Birnbaum/DC/USEPA/US
To: Ed Callahan/DC/USEPA/US@EPA
Cc: Beth Craig/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA, Jackie Krieger/DC/USEPA/US@EPA, Richard Haeuber/DC/USEPA/US@EPA, Sarah Dunham/DC/USEPA/US@EPA
Date: 04/20/2012 12:16 PM
Subject: Re: Overview Presentation for Betsy Shaw

some quick thoughts on the first few slides in the presentation. Suggest we drop the "Introduction" slide as the first 3 slides are all intro slides and rather jump right into the Mission slide (are we allowed to tweak that at all? I did just a bit.). Most important is the slide "Why we do what we do...." which I think is where OAP gets to say why we're different and what we're good at. I suggest a bunch of changes to that slide in the attached. (sorry, my changes messed up the order of the first few slides.)

Rona



▼ [Ed Callahan---04/19/2012 03:44:09 PM---I mentioned at today's Management Meeting that I would provide you with a copy of the current Overvi](#)

From: Ed Callahan/DC/USEPA/US
To: Beth Craig/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA, Jackie Krieger/DC/USEPA/US@EPA, Richard Haeuber/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Sarah Dunham/DC/USEPA/US@EPA, Jean Lupinacci/DC/USEPA/US@EPA
Date: 04/19/2012 03:44 PM
Subject: Overview Presentation for Betsy Shaw

I mentioned at today's Management Meeting that I would provide you with a copy of the current Overview Presentation for Betsy Shaw. Here t'is

[attachment "OAP-Overview-120420.ppt" deleted by Rona Birnbaum/DC/USEPA/US]

If you have changes that you would like me to incorporate in the presentation, please send them to me by COB tomorrow.

Thanks

Ed

From: [Drusilla Hufford](#)
To: [Sarah Dunham](#)
Cc: [David Donaldson](#); [Jackie Krieger](#)
Subject: Fw: press request on disposal of CFC-containing OTC inhaler
Date: 07/20/2012 11:11 AM
Attachments: [MDI Destruction Cost Draft.docx](#)

Sarah: Here is our draft response, due this morning, to the incoming R2 question on destruction of CFC MDIs.

We have reviewed with OGC, and this is better (and a little shorter) than what I shared this am.

Let me know if you have changes, or if this is OK to send to Allison Dennis.

Thanks,

Drusilla



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e-mail: hufford.drusilla@epa.gov
<http://www.epa.gov/ozone>

----- Forwarded by Drusilla Hufford/DC/USEPA/US on 07/20/2012 11:08 AM -----

From: JohnJ Martin/R2/USEPA/US
To: Allison Dennis/DC/USEPA/US@EPA
Cc: David Donaldson/DC/USEPA/US@EPA, John Millett/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA
Date: 07/19/2012 04:14 PM
Subject: Re: Fw: press request on disposal of CFC-containing OTC inhaler

Tomorrow morning, if possible.

John Martin
Press Officer
U.S. Environmental Protection Agency
290 Broadway, New York, NY 10007
martin.johnj@epa.gov

Desk: 212-637-3662
Cell: 646-256-6710

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<http://blog.epa.gov/greeningtheapple/>

▼ Allison Dennis---07/19/2012 03:57:03 PM---- Nate John- Do you know the reporter's deadline?

From: Allison Dennis/DC/USEPA/US
To: David Donaldson/DC/USEPA/US@EPA
Cc: JohnJ Martin/R2/USEPA/US@EPA, John Millett/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA
Date: 07/19/2012 03:57 PM
Subject: Re: Fw: press request on disposal of CFC-containing OTC inhaler

- Nate

John- Do you know the reporter's deadline?

+ David and Drusilla for help on this reporter's question:

I've been following the Asthma Inhalers Relief Act of 2012 and I've wondered how much it would cost/what the process would be for Amphastar to dispose of expired CFC-containing inhalers. The answer does not need to be specific to them, I just need to know what the process is and how costly it could be for any firm in general.

Allison Dennis
U.S. Environmental Protection Agency
Office of Air and Radiation Communications

Phone: 202-564-1985

Send mail to:

U.S. Environmental Protection Agency

MC: 6101A

1200 Pennsylvania Ave., NW

Washington, DC 20460

▼ Nate McMichael---07/19/2012 03:51:38 PM---Hi Alison, SPD should be able to address this one, right.

From: Nate McMichael/DC/USEPA/US
To: Allison Dennis/DC/USEPA/US@EPA
Cc: John Millett/DC/USEPA/US@EPA, JohnJ Martin/R2/USEPA/US@EPA
Date: 07/19/2012 03:51 PM
Subject: Fw: press request on desposal of CFC-containing OTC inhaler

Hi Alison,

SPD should be able to address this one, right.

Thanks,
-Nate

Nate McMichael
U.S. Environmental Protection Agency
Office of Air and Radiation
Office: (202) 564-0382
Cell: (202) 236-4176

----- Forwarded by Nate McMichael/DC/USEPA/US on 07/19/2012 03:50 PM -----

From: JohnJ Martin/R2/USEPA/US
To: John Millett/DC/USEPA/US@EPA, Nate McMichael/DC/USEPA/US@EPA
Date: 07/19/2012 03:37 PM
Subject: Fw: press request on desposal of CFC-containing OTC inhaler

Hi John and Nate,

Not sure if this issue is something you guys could answer, but I thought it might be b/c its about CFC's.

First part is about how they should be disposed of. Second is about whether there's precedent for this manufacturer's request to continue selling these devices a little longer.

If neither are appropriate for you guys, just let me know.

Thank you,
John

John Martin
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Desk: 212-637-3662
Cell: 646-256-6710

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<http://blog.epa.gov/greeningtheapple/>

----- Forwarded by JohnJ Martin/R2/USEPA/US on 07/19/2012 03:26 PM -----

From: "Gillespie, Lisa (ELS-WSH)" <L.Gillespie@elsevier.com>
To: JohnJ Martin/R2/USEPA/US@EPA
Date: 07/19/2012 11:44 AM
Subject: press request on desposal of CFC-containing OTC inhaler

Hi John,

I'm a reporter with The Tan Sheet, a business pub covering OTC drugs and dietary supplements. I've been following the Asthma Inhalers Relief Act of 2012 and I've wondered how much it would cost/what the process would be for Amphastar to dispose of expired CFC-containing inhalers.

The answer does not need to be specific to them, I just need to know what the process is and how costly it could be for any firm in general.

I also have another question, but perhaps it's for another department. Has any other pharma company ever asked for the kind of extension Amphastar is requesting?

Thanks so much for your time, in advance!

[Lisa V. Gillespie](#)

Reporter

[The Tan Sheet](#)

Elsevier Inc.

5635 Fishers Lane, Suite 6000

Rockville, MD 20852

Tel: 240-221-4472

Fax: 240-221-2537

From: [Drusilla Hufford](#)
To: [Diane McConkey](#)
Subject: Fw: SAN 5564 - Protection of Stratospheric Ozone: Adjustments to the Allowance System for Controlling HCFC Production, Import, and Export for 2012-2014 (FRM)(OMB)(AA)
Date: 11/21/2012 09:26 AM
Attachments: [2012 HCFC Final Rule - Action memo - 7-17-12.docx](#)
[2012 HCFC Final Rule - Communication strategy - 7-10-12.docx](#)
[2012 HCFC Final Rule - Desk statement - 7-17-12.docx](#)
[2012 HCFC Final Rule - Fact sheet - 7-10-12.docx](#)
[2012 HCFC Final Rule - SAN 5564 OP memo 7.17.12.docx](#)
[2012 HCFC Final Rule - Summary for OMB 07-26-12.docx](#)
[2012 HCFC Final Rule - Transmittal memo - OAP to OAR - 7-17-12.docx](#)
[2012 HCFC Final Rule - Web announcement - 7-10-12.doc](#)
[EO12866 CAA Part 82A 2060 AQ98 FINAL FRN 7.19.12.doc](#)

----- Original Message -----

From: David Donaldson
Sent: 11/21/2012 09:16 AM EST
To: Sarah Dunham
Cc: Drusilla Hufford; Jackie Krieger
Subject: SAN 5564 - Protection of Stratospheric Ozone: Adjustments to the Allowance System for Controlling HCFC Production, Import, and Export for 2012-2014 (FRM)(OMB)(AA)

Rule package attached below.

08/01/2012 SAN#: 5564 CMS Control #:

Protection of Stratospheric Ozone: Adjustments to the Allowance System for Controlling HCFC
Production, Import, and Export for 2012-2014
Tier: 3 RIN#:2060-AQ98 OAP

From: [Drusilla Hufford](#)
To: kgoraleski@researchamerica.org
Subject: Fw: ScienceDaily: Global Warming May Delay Recovery Of Stratospheric Ozone
Date: 02/06/2009 10:20 AM

Karen:

FYI - here's the article. I look forward to seeing you in April.

Regards,

Drusilla

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 02/06/2009 10:19 AM -----

From: Cindy Newberg/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA, Tom Land/DC/USEPA/US@EPA, Julius Banks/DC/USEPA/US@EPA, Ross Brennan/DC/USEPA/US@EPA, Dave Godwin/DC/USEPA/US@EPA, Kristinn Vazquez/DC/USEPA/US@EPA
Date: 02/06/2009 07:30 AM
Subject: Fw: ScienceDaily: Global Warming May Delay Recovery Of Stratospheric Ozone

Tygers-

Interesting discussion of the global warming delaying ozone layer recover. Three of the authors are folks we have worked with before - Rich Stolarski, Randy Kawa, and Peter Newman.

Global Warming May Delay Recovery Of Stratospheric Ozone

ScienceDaily (Feb. 5, 2009) — Increasing greenhouse gases could delay, or even postpone indefinitely the recovery of stratospheric ozone in some regions of the Earth, a new study suggests. This change might take a toll on public health.

Darryn W. Waugh, an atmospheric scientist at Johns Hopkins University in Baltimore, and his colleagues report that climate change could provoke variations in the circulation of air in the lower stratosphere in tropical and southern mid-latitudes — a band of the Earth including Australia and Brazil. The circulation changes would cause ozone levels in these areas never to return to levels that were present before decline began, even after ozone-depleting substances have been wiped out from the atmosphere.

"Global warming causes changes in the speed that the air is transported into and through the lower stratosphere [in tropical and southern mid-latitudes]," says Waugh. "You're moving the air through it quicker, so less ozone gets formed." He and his team present their findings in the journal *Geophysical Research Letters*.

Dan Lubin, an atmospheric scientist who has studied the relationship between ozone depletion and variations in the ultraviolet radiation that reaches the Earth, says Waugh's findings could bode ill for people living in the tropics and southern mid-latitudes.

If ozone levels never return to pre-1960 levels in those regions, "the risk of skin cancer for fair-skinned populations living in countries like Australia and New Zealand, and probably in Chile and Argentina too, will be greater in the 21st century than it was during the 20th century," says Lubin, who is at Scripps Institution of Oceanography in La Jolla, Calif. and did not participate in the research.

Ozone is a gas which is naturally present in the atmosphere and absorbs ultraviolet radiation from the Sun that can harm living beings—for instance, by causing human skin cancer. This protective molecule has been in decline in the stratosphere since the 1970s due to an increase in atmospheric concentrations of human-made substances (mostly chlorofluorocarbon and bromofluorocarbon compounds) that destroy ozone. Since the late 1980s, most countries have adhered to the Montreal Protocol, an international treaty to phase out production of ozone-depleting substances.

Researchers at NASA Goddard Space Flight Center in Greenbelt, Md. collaborated with Waugh in the new study. The team forecast effects on ozone recovery by means of simulations using a computer model known as the Goddard Earth Observing System Chemistry-Climate Model.

Not all regions face worse prospects for ozone recovery as a result of climate change, the scientists find.

In polar regions and northern mid-latitudes, restoration of ozone in the lower stratosphere will suffer little impact from increasing greenhouse gases, their projections indicate.

Indeed, in the upper stratosphere, climate change causes a drop in temperatures that slows down some of the chemical reactions that destroy ozone. So, recovery might be reached in those parts of the atmosphere earlier than forecast, even decades before the removal of ozone-depleting gases.

While scientists have long suspected that climate change might be altering the dynamics of stratospheric ozone recovery, Waugh's team is the first to estimate the effects of increasing greenhouse gases on the recovery of ozone by region.

Waugh says his study will help scientists attribute ozone variations to the right agent.

"Ozone is going to change in response to both ozone-depleting substances and greenhouse gases," he says, "If you don't consider climate change when studying

the ozone recovery data, you may get pretty confused."

+++++

Cindy Newberg
Branch Chief, AERB
Stratospheric Protection Division
US Environmental Protection Agency
1200 Pennsylvania Avenue, N.W. 6205J
Washington, D.C. 20460
ph: 202-343-9729

FYI, below is a link to an article about a new study published today in "Geophysical Research Letters" that discusses impacts on ozone layer recovery as a result of increasing greenhouse gases. Seems like this might be further justification for inclusion of HFCs in the MP.

Pete Mullenhard (peter.m.mullenhard@saic.com) has sent you a link to the following page on ScienceDaily:

Global Warming May Delay Recovery Of Stratospheric Ozone
<http://www.sciencedaily.com/releases/2009/02/090204131625.htm>

Increasing greenhouse gases could delay, or even postpone indefinitely the recovery of stratospheric ozone in some regions of the Earth, a new study suggests. This change might take a toll on public health.

* Note: the sender's email address has not been verified.

Classification: UNCLASSIFIED

Caveats: NONE

From: [Drusilla Hufford](#)
To: [Bella Maranion](#); [Drusilla Hufford](#); [Jeanne Briskin](#); [Jeff Cohen](#); [Linda Rutsch](#); [Marta Montoro](#); [Ross Brennan](#); [Tom Land](#)
Subject: Fw: send slides?
Date: 06/05/2007 02:58 PM
Attachments: [gregd2007.ppt](#)

Jeanne very sensibly reminded me that it helps to share our finished work. The Hill briefing that many of you helped with, and commented on, was given yesterday afternoon (finally). I wanted to respond to Jeanne's request by sharing what I used with all of you. I would be happy to discuss how this went at our next FL meeting; thanks again for your help with these slides.



gregd2007.ppt

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 06/05/2007 02:56 PM -----

Jeanne Briskin/DC/USEPA/US	To	drusilla hufford
	cc	
06/05/2007 02:40 PM	Subject	send slides?

Would you please send me the slides you used for yesterday's briefing? It would help me to understand what we're currently saying about our work.

thanks,
Jeanne

From: [Drusilla Hufford](#)
To: [Drusilla Hufford](#)
Subject: Fw: Thank you
Date: 09/26/2012 07:48 AM
Attachments: [Title VI Opportunities_DHEdit v3.cn.pptx](#)

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 09/26/2012 07:48 AM -----

From: Drusilla Hufford/DC/USEPA/US
To: David Donaldson/DC/USEPA/US@EPA
Date: 09/25/2012 05:16 PM
Subject: Thank you

Please print first since Sarah may go home - thanks a million!

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From: [Drusilla Hufford](#)
To: [Drusilla Hufford](#)
Subject: Fw: Thank you
Date: 09/26/2012 07:48 AM
Attachments: [Title VI Opportunities_DHEdit v3.cn.pptx](#)

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 09/26/2012 07:48 AM -----

From: Drusilla Hufford/DC/USEPA/US
To: David Donaldson/DC/USEPA/US@EPA
Date: 09/25/2012 05:16 PM
Subject: Thank you

Please print first since Sarah may go home - thanks a million!

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From: [Drusilla Hufford](#)
To: [David Donaldson](#)
Subject: Fw: USDA NIFA RFA - Methyl Bromide Alternatives Program
Date: 02/22/2012 07:40 AM
Attachments: [pages 5-8 USDA RFA Methyl Bromide Alternatives.docx](#)

David - Please Help! I have a reprieve from Jack, referencing my vm of yesterday. Can you review, let me know what you think, and then convey our comments on? Thanks much!

Drusilla

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 02/22/2012 07:39 AM -----

From: Jack Housenger/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA
Cc: Timothy Kiely/DC/USEPA/US@EPA
Date: 02/21/2012 07:47 PM
Subject: Fw: USDA NIFA RFA - Methyl Bromide Alternatives Program

fyi, see Sheryl's note below
if you have anyone with any thoughts (on this), let Tim Kiely know and we can coordinate our comments
notice the deadline
I know you have had problems with these (i.e., deadlines) in the past (just kidding, got your voice mail today....no worry, there will be plenty more opps, I promise)

----- Forwarded by Jack Housenger/DC/USEPA/US on 02/21/2012 07:44 PM -----

From: "Kunickis, Sheryl" <Sheryl.Kunickis@ARS.USDA.GOV>
To: Jack Housenger/DC/USEPA/US@EPA
Cc: Bill Chism/DC/USEPA/US@EPA, "Cardwell, Kitty" <KCARDWELL@nifa.usda.gov>
Date: 02/21/2012 04:47 PM
Subject: USDA NIFA RFA - Methyl Bromide Alternatives Program

Hi Jack,

During the meeting on the 2014 CUN at USDA, we discussed getting EPA's input into the NIFA RFA to bolster the economics regarding alternatives to methyl bromide. Dr. Cardwell has forwarded the section for your (staff) review as well as the Office of Air (if you have a contact.) Specifically, please look at pages 5-8 which describe project purposes and requirements for application and provide back comments. As for all issues, we have a tight deadline and must receive comments by this Friday. I have cc'd Dr. Cardwell on this email so that you can respond to her directly. Also, please do not share outside of EPA.

Thanks,
Sheryl

Sheryl H. Kunickis, Ph.D.
Director
USDA Office of Pest Management Policy
1400 Independence Ave., SW
Room 3871-South Building, MS-0314
Washington, D.C. 20250-0314

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delete the email immediately. [pages 5-8 USDA RFA Methyl Bromide Alternatives.docx](#)

From: [Sarah Dunham](#)
To: [Dominic J. Mancin](#) (b) (6)
Cc: [Joseph Goffman](#)
Bcc: [Drusilla Hufford](#)
Subject: HCFC 2012-2014 allocation
Date: 11/21/2012 10:59 AM
Attachments: [EO12866 CAA Part 82A 2060 AQ98 FINAL FRN 7.19.12.doc](#)

Dom-

Joe asked me to forward to you the electronic version of the HCFC allocation rule--we'd love to be able to move forward with this quickly given that it determines the allowances for 2012 (as well as 2013 and 2014).

Thanks

Sarah



From: [David Donaldson](#)
To: [Joseph Goffman](#)
Cc: [Drusilla Hufford](#); [Luke Hall-Jordan](#)
Subject: HCFC-22 rule revisions in track changes
Date: 12/12/2012 05:44 PM
Attachments: [EO12866_CAA Part 82A 2060 AQ98 FINAL FRN 20121205_changes.docx](#)

Joe

(b) (5)



David Donaldson, Chief
Stratospheric Program Implementation Branch
Stratospheric Protection Division
US Environmental Protection Agency
202-343-9086

From: [Joel Beauvais](#)
To: [Laura Vaught](#); [Cheryl Mackay](#)
Cc: [Jonathan Lubetsky](#); [Drusilla Hufford](#)
Subject: HEC 7-18-12 Primatene Mist Methyl Bromide Hrg draft Statement 7-13
Date: 07/13/2012 11:51 AM
Attachments: [HEC 7-18-12 Primatene Mist Methyl Bromide Hrg draft Statement 7-13.docx](#)

Laura, Cheryl - Here is our draft statement for the record for the MB/PM hearing. I trust you guys will handle review from OGC, OECA, OCSPP, Larry etc. If we're going to send this to OMB today, it would be helpful to get a passback in the next few hours, so we'll have time to wrap before the end of the day. Let us know what more you need from us on this.



[- HEC 7-18-12 Primatene Mist Methyl Bromide Hrg draft Statement 7-13.docx](#)

From: [Drusilla Hufford](#)
To: [Linda Rutsch](#)
Cc: [David Donaldson](#)
Subject: Help!
Date: 11/02/2011 02:21 PM
Attachments: [IYC_DH_SunSafety_FINAL_11-10-11.ppt](#)

Linda - Can you please work with Rob to improve the attached? One thing I know I need: Please add a slide on the UV Index - when we started, what we know about penetration and effectiveness. Also, please update bad outdated and too crowded slide on public health risk of skin cancer. If you can find a way to add the new data you were quoting this morning on social cost of MM, that would be great.

THANKS! Is today possible?

Drusilla



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From: [Drusilla Hufford](#)
To: [Cindy Newberg](#); [Kristinn Vazquez](#); [David Donaldson](#)
Subject: Help!
Date: 11/02/2011 03:07 PM
Attachments: [IYC_Overview_Domestic_Implementation.ppt](#)

Attached are my draft slides for next week's IYC symposium. Comments, please!

Drusilla



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From: [Drusilla Hufford](#)
To: [Jim DeMocker](#)
Subject: here it is
Date: 07/13/2012 08:33 AM
Attachments: [HEC 7-18-12 Primate Methyl Bromide Hrg draft Statement 7-12 redline BeauvaisComment.docx](#)



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From: [Drusilla Hufford](#)
To: [Bella Maranion](#); [Drusilla Hufford](#); [Jeanne Briskin](#); [Jeff Cohen](#); [Linda Rutsch](#); [Marta Montoro](#); [Ross Brennan](#); [Tom Land](#)
Subject: Hill Briefing Scheduled Friday!
Date: 07/17/2007 01:59 PM
Attachments: [lorieschmidt.ppt](#)

We have long anticipated the need to be ready for Hill briefings, and have been eager for the opportunity to tell our story. Ronna has helped us get on Lorie Schmidt's calendar for Friday, and I wanted to circulate a draft briefing for your review and comment.

Specific requests from me:

- Please work with your branch chief to consolidate edits from each branch, to simplify my editing job given the time we have. I am looking to Jeff and Ross to share with me one single set of edits each.
- Please suggest additional slides that you believe to be necessary. Some ideas I have: a car slide; an improved Socolow slide; a better characterization of future work that has climate implications; a 20th anniversary slide.
- Check and re-check any numbers that may relate to your issue area.

Please get me your comments by tomorrow COB, since we may need some clearance process for this.

Thanks!



lorieschmidt.ppt

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GUIDANCE FOR HANDLING REFRIGERANT CONTAINING APPLIANCES/VEHICLES DAMAGED BY HURRICANES

EPA guidance has been requested on the handling and disposal of refrigerants in appliances, motor vehicle air conditioners (MVACs), and other equipment containing refrigerants damaged by Hurricane Katrina or Hurricane Rita. Federal environmental laws govern the handling and disposal of refrigerants. For example, persons disposing of MVACs, small appliances, residential or light commercial air conditioners, refrigerated trailers, or other equipment containing refrigerants, are prohibited from knowingly releasing any refrigerant or substitute refrigerant in preparation for, or during, disposal of a vehicle, refrigerated trailer, small appliance, etc. EPA recognizes that the extraordinary circumstances faced in disposing of appliances damaged or destroyed by the hurricanes may make full compliance with these requirements difficult. However, in any event, you should take the actions set forth below to the extent feasible.

Chlorofluorocarbons (CFCs) and hydrochlorofluorocarbons (HCFCs) are ozone-depleting substances that are commonly used as refrigerants. Newer motor vehicles and small appliances use substitute refrigerants, such as hydrofluorocarbons (HFCs), which do not deplete the ozone layer, but may have other environmental impacts. Federal requirements apply to the handling and disposal of CFCs, HCFCs, and substitute refrigerants such as HFCs. These laws are intended to reduce emissions of ozone-depleting and other harmful substances during the disposal of MVACs and equipment or appliances containing refrigerants. It is reasonable that adequate measures be taken during emergency situations to minimize release of and exposure to such materials during handling and disposal. The following guidelines are provided to help minimize the health, safety, and environmental risks associated with handling and disposing of refrigerated appliances and equipment under the extraordinary circumstances created by Hurricanes Katrina and Rita.

This guidance remains in effect through March 30, 2006, and applies only to areas damaged by Hurricane Katrina or Hurricane Rita. This guidance may be revised or extended by EPA.

Certified Equipment and Technicians

If you are recovering refrigerant for purposes of vehicle or appliance disposal, use EPA certified refrigerant recovery and/or recycling equipment. EPA certified refrigerant recovery and/or recycling equipment will have a label from the Environmental Testing Laboratories (ETL), the Air Conditioning and Refrigeration Institute (ARI) or the Underwriters Laboratories (UL) stating which types of refrigerants the unit is capable of recovering.

Generally, persons handling refrigerants are required to have completed an EPA approved technician certification course. However, persons recovering refrigerant from small appliances (such as White Goods) or MVACs are not required to be EPA certified

if the refrigerant is being removed for the purpose of disposal of the vehicle or small appliance and the refrigerant will be sent to an EPA approved reclaimer.

Motor Vehicle Air Conditioners

An MVAC is the refrigeration equipment used to cool the driver/passenger compartment of any motor vehicle, including passenger cars, light duty vehicles, and heavy duty vehicles. MVACs do not include the refrigeration systems used on motor vehicles for refrigerated cargo or the air conditioning systems on passenger buses using HCFC-22 (also known as R-22 or FREON®-22). Vehicles manufactured prior to 1995 generally used CFC-12 (also known as R-12 or FREON®-12), an ozone depleting refrigerant. Vehicles manufactured after 1995 use substitute refrigerant HFC-134a (also known as R-134a). The type and amount of refrigerant used in a MVAC will normally be noted on one of the a/c components under the hood of the vehicle. However, you should be aware that vehicles manufactured prior to 1995 may have been retrofitted to HFC-134a or in some cases blend refrigerants containing flammable hydrocarbons, and may not have been properly re-labeled.

White Goods/Small Appliances

White goods are small appliances that generally contain 8-12 ounces of refrigerant, such as refrigerators, freezers, window air conditioners, and dehumidifiers. Discarded household appliances may contain ozone-depleting CFCs or HCFCs, or non-ozone depleting HFCs. The type and amount of refrigerant used in the white good is noted on the nameplate found in either the freezer or on the refrigerated component of the appliance.

Recovery of Refrigerants from MVACs and White Goods

- Inspect the MVAC or small appliance to determine whether you can access the service ports of the refrigeration system. It may not be feasible to recover refrigerant from equipment where the service ports have been damaged to the extent that you cannot attach refrigerant recovery equipment.
- Determine the type of refrigerant and the amount of refrigerant charge from the nameplate on the small appliance or MVAC. If you are unable to identify the type of refrigerant in a vehicle or small appliance, recover the refrigerant into a mixed or “junk” refrigerant container. To prevent mixing different types of refrigerants, use hand held refrigerant identifiers, if available, prior to recovery.
- Using recovery equipment, evacuate the refrigerant from the small appliance or MVAC to 0 psig, or the furthest extent possible.

- Store refrigerant recovered from a MVAC or small appliance by refrigerant type (i.e., R-12, R-22, R-134a, etc.) in separate approved DOT refrigerant recovery cylinders (identifiable by a yellow band around the top collar of the recovery cylinder). Use a “junk” or mixed refrigerant container if the refrigerant type is unknown or believed to be contaminated.
- If you recover refrigerant from a small appliance or MVAC for purposes of disposal of the appliance or vehicle, provide a signed statement to the scrap-recyclers or landfill operators that all refrigerant that has not previously leaked from the appliance was properly recovered using an approved refrigerant recovery device. Include the name and address of the person recovering the refrigerant and the date it was recovered.
- Deliver the recovered refrigerant to an EPA certified reclaimer who will reprocess it for resale. A list of EPA approved reclaimers is available on EPA’s website at the following address: www.epa.gov/ozone/title6/608/reclamation/reclist.html
- Refrigerant recovered from an MVAC may be sent for reclamation as described above, or it may be recycled by a certified MVAC technician using approved recycling equipment if it is to be sold for reuse in an MVAC. For further information see: <http://www.epa.gov/Ozone/title6/609/disposal/salvage.html>

Refrigerated Trailers

Refrigerated trailers include any transportable trailer or container placed upon a trailer that is equipped with a refrigeration system designed to refrigerate the cargo. Older units manufactured before 1995 generally use an average of 15 pounds of ozone-depleting CFC refrigerant R-22. Newer units manufactured after that date may use an array of non-ozone depleting HFC refrigerants such as R-134a, R-404A, and R-507. The type and amount of refrigerant used is typically noted on a nameplate located on the equipment.

Residential/Light Commercial Air-Conditioning Equipment

Residential and light commercial air conditioning equipment includes packaged terminal air conditioners, central air conditioners, light commercial air conditioners, and heat pumps. This type of equipment typically contains five to nine pounds of HCFC-22. Newer units manufactured after 2000 may contain HFC refrigerant R-410A, a high-pressure non-ozone depleting refrigerant substitute. The type and amount of refrigerant used is typically noted on a nameplate located on the outside condensing unit. Care should be taken when recovering refrigerant from these systems as the pressures are typically higher than small appliances or MVACs, this is especially true for R-410A.

Recovery of Refrigerants from Refrigerated Trailers and Residential/Light Commercial Air-Conditioners

- For removing refrigerant from a refrigerated trailer or residential/light commercial air conditioner for the purposes of disposal, use a Type II or Universal technician certified by an EPA approved technician certification program.
- Inspect the refrigerated trailer or residential/light commercial air conditioner to determine whether you can access the service ports of the refrigeration system. It may not be feasible to recover refrigerant from equipment where the service ports have been damaged to the extent that you cannot attach refrigerant recovery equipment.
- Determine the type of refrigerant and the amount of refrigerant charge from the nameplate on the refrigerated trailer or residential/light commercial air conditioner. If you are unable to identify the type of refrigerant in the equipment, recover the refrigerant into a mixed or “junk” refrigerant container. To prevent mixing different types of refrigerants, use hand held refrigerant identifiers, if available, prior to recovery.
- Using recovery equipment, evacuate the refrigerant from the refrigerated trailer or residential/commercial air conditioner to 0 psig, or to the furthest extent possible.
- Store refrigerant recovered from a refrigerated trailer or residential/light commercial air conditioner by refrigerant type (i.e., R-12, R-22, R-134a, etc.) in separate approved DOT refrigerant recovery cylinders (identifiable by a yellow band around the top collar of the recovery cylinder). Use a “junk” or mixed refrigerant container if the refrigerant type cannot be identified or is believed to be contaminated.
- Deliver the recovered refrigerant to an EPA certified reclaimer who will reprocess it for resale. A list of EPA certified reclaimers is available on EPA’s website at the following address: www.epa.gov/ozone/title6/608/reclamation/reclist.html

Meeting Update Request:

Calendar Entry

Subject: prep call for MeBr briefing for House E&C and Ag staff

When

Date: Monday 08/27/2012

Time: 03:00 PM - 04:00 PM (1 hour)

Chair: [Cheryl Mackay](#)

Invitees

Required (to): Chris.Church@fas.usda.gov; [Drusilla.Hufford/DC/USEPA/US@EPA](mailto:Drusilla.Hufford@USEPA/US@EPA); HobgoodTD@state.gov; [Lawrence.Elworth/DC/USEPA/US@EPA](mailto:Lawrence.Elworth@USEPA/US@EPA); Ryan.Caldwell@osec.usda.gov; [Sarah.Dunham/DC/USEPA/US@EPA](mailto:Sarah.Dunham@USEPA/US@EPA)

Optional (cc): [Cheryl.Woodward/DC/USEPA/US@EPA](mailto:Cheryl.Woodward@USEPA/US@EPA); chism.bill@epa.gov; [David.Donaldson/DC/USEPA/US@EPA](mailto:David.Donaldson@USEPA/US@EPA); [Douglas.Parsons/DC/USEPA/US@EPA](mailto:Douglas.Parsons@USEPA/US@EPA); [Joel.Beauvais/DC/USEPA/US@EPA](mailto:Joel.Beauvais@USEPA/US@EPA); [Jonathan.Lubetsky/DC/USEPA/US@EPA](mailto:Jonathan.Lubetsky@USEPA/US@EPA); [Laura.Vaught/DC/USEPA/US@EPA](mailto:Laura.Vaught@USEPA/US@EPA); [Margie.Fehrenbach/DC/USEPA/US@EPA](mailto:Margie.Fehrenbach@USEPA/US@EPA); [Sven-Erik.Kaiser/DC/USEPA/US@EPA](mailto:Sven-Erik.Kaiser@USEPA/US@EPA); [William.Jordan/DC/USEPA/US@EPA](mailto:William.Jordan@USEPA/US@EPA)

Where

Location: 1-866-299-3188, code 202 564-2786, or ARN 3528

Attachments: [BILLS-112hr6194ih.pdf](#)
[EPA written statement MeBr.pdf](#)

Attached for your reference are HR 6194 and EPA's statement on this bill.



[- BILLS-112hr6194ih.pdf](#)

▼ 1 attachment



From: [Drusilla Hufford](#)
To: [Diann Frantz](#)
Subject: Is This the One?
Date: 01/15/2008 02:37 PM
Attachments: [lorie shmidt july 20.ppt](#)

Diann:

I found one but am not sure it is the right one - let me know, and thanks,

Drusilla



lorie shmidt july 20.ppt

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cell: 202-253-2243
fax: 202-343-2363
e-mail: hufford.drusilla@epa.gov
<http://www.epa.gov/ozone>

From: [Drusilla Hufford](#)
To: [Kristinn Vazquez](#)
Subject:
Date: 01/19/2012 10:17 AM
Attachments: [Communicating Environmental Risk and ChoiceDHFinal.pptx](#)

Here it is:



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<http://www.epa.gov/ozone>

From: [Drusilla Hufford](#)
To: drusillahufford@gmail.com
Subject:
Date: 09/25/2012 02:41 PM
Attachments: [Title VI Opportunities_DHEdit v3.cn.pptx](#)

Here it is



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<http://www.epa.gov/ozone>

From: [Drusilla Hufford](#)
To: [Cindy Newberg](#); [David Donaldson](#)
Subject:
Date: 09/27/2012 11:26 AM
Attachments: [Title VI Opportunities FINAL 9-27-12.pptx](#)



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<http://www.epa.gov/ozone>

From: [Drusilla Hufford](#)
To: [Sarah Dunham](#)
Cc: [Jackie Krieger](#); [David Donaldson](#)
Subject: MBAO Slides For Next Week
Date: 11/01/2012 09:00 AM
Attachments: [MBAO 2012 Slides_DHEdit.pptx](#)

Sarah: On Monday, SPD staff will be travelling to an annual conference called the Methyl Bromide Alternatives Organization (MBAO) Conference. We and OPP typically send representatives, and we have always updated those present on the status of our rules and of the international process. While Dept of State does not attend, we have reviewed the attached with them and with our OPP colleagues. Let me know if you have comments or concerns, and thanks,

Drusilla



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From: [Drusilla Hufford](#)
To: jay.bernhardt@cdc.hhs.gov
Subject: National Sun Safety Day 2009
Date: 12/09/2008 12:28 PM

Dear Dr. Bernhardt:

I work at EPA on ozone layer protection and climate change prevention. For many years I have collaborated with folks at CDC on the public health issue associated with ozone depletion, skin cancer. In that regard, I am currently serving as Co-Chair of a group CDC helped get started, the National Council on Skin Cancer Prevention.

Professor Ed Maibach gave me your contact information, because I would like to ask your help. The Council has been in existence a very few years, and includes most of the major groups with an interest in this issue - the American Academy of Dermatology, American Cancer Society, Skin Cancer Foundation, and many others. The Council has initiated its first public health campaign, an effort to bring attention to sun safety on the Friday before Memorial Day weekend in 2009. I am creating a small working group to help design this effort, and would ask if there is someone on your staff that I could contact with regard to this effort.

Thanks very much for considering this collaboration.

Sincerely,

Drusilla Hufford, Director
U.S. EPA Stratospheric Protection Division

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From: [Drusilla Hufford](#)
To: [Sarah Dunham](#)
Cc: [Jackie Krieger](#); [Kristinn Vazquez](#)
Bcc: [Drusilla Hufford](#)
Subject: Next Week's American Geophysical Union Symposium at RRB
Date: 11/03/2011 12:56 PM
Attachments: [IYC_Overview_Domestic_Implementation_FINAL.ppt](#)
[IYC_DH_SunSafety_11-10-11_NEWFINAL.ppt](#)

Sarah: As you know, some SPD staff (including me) will be giving brief presentations at next week's symposium. I wanted to share with you my draft slides, attached to this email. One is a general overview of U.S. implementation of the Montreal Protocol under CAA Title VI; the other is abroad description of EPA's sun safety programs.

Let me know if you have comments, and thanks,

Drusilla



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From: [Drusilla Hufford](#)
To: [Sarah Dunham](#)
Subject: OCFO Draft Briefing
Date: 04/09/2012 01:21 PM
Attachments: [OCFO Briefing 2012.ppt](#)

Sarah - this is long, but with 90 minutes I want to make sure we use the time - it is not often we get direct access to OCFO, and while it may be sinister, it can also potentially be helpful (!) if we get some points across. We are trying hard to get the big points out in the first ten slides, so if you have limited time, please let me know what you think of those. I will also share with Ed to get his insights. BTW I did speak with Apple - I'll share during our bus ride down.

Thanks,

Drusilla



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From: [Jim Ketcham-Colwill](#)
To: [Anna Wood](#); [Beth Craig](#); [Bill Irving](#); [Drusilla Hufford](#); [Jackie Krieger](#); [Joseph Goffman](#); [Karen Orehowsky](#); [Karl Simon](#); [Kevin Culligan](#); [Lydia Wegman](#); [Maurice LeFranc](#); [Paul Gunning](#); [Peter Tsirigotis](#); [Reid Harvey](#)
Cc: [Christopher Grundler](#); [Sarah Dunham](#); [Steve Page](#); Democker.Jim@epamail.epa.gov; [Joseph Goffman](#); [Joel Beauvais](#)
Subject: Opportunity for EPA comments on draft WRI GHG report
Date: 11/26/2012 03:32 PM
Attachments: [Can We Get There from Here Peer Review Draft DO NOT DISTRIBUTE.docx.docx....docx](#)

As many of you know from our Nov. 15 briefing, WRI is circulating for comment a "peer review draft" of their upcoming report on GHG reduction potential titled, "Can We Get There From Here?" At the briefing, WRI invited EPA comments. If your office would like to make technical comments about WRI's sector-by-sector analysis of potential emissions reductions, please send those comments to me and cc Joe Goffman. Joe and Joel have asked me to serve as coordinator to collect and compile any technical comments from OAR staff for review.

Nicholas indicated that feedback would be most useful by early December, so please send any comments to me by Monday, Dec. 3. Please let me know in advance whether to expect comments from your office.

WRI has asked that this "peer review draft" not be distributed outside EPA.



Jim Ketcham-Colwill
EPA Office of Air and Radiation
Office of Policy Analysis and Review
202-564-1676 (w)

Inhaler phaseout approaching

OTC epinephrine metered-dose inhalers with CFCs no longer available after December

Primatene Mist, the only OTC asthma inhaler marketed in the United States, will no longer be available after December 31, 2011. Primatene Mist is an epinephrine metered-dose inhaler (MDI) with chlorofluorocarbons (CFCs).

Epinephrine is a short-acting adrenergic bronchodilator used for the temporary relief of occasional symptoms of

In a proposed rule published on September 20, 2007 (72 FR 53711), an effective date of December 31, 2010, was proposed for removal of the essential-use designation for OTC epinephrine MDIs. Comments on this proposed effective date were solicited. The final rule published on November 19, 2008, removed the essential-use designation



mild asthma. Epinephrine MDIs were previously marketed as generic brands for certain retail pharmacies. The phaseout of epinephrine MDIs with CFCs is part of an international agreement to stop the use of substances that damage the environment.

Background

Under the Montreal Protocol on Substances that Deplete the Ozone Layer (Montreal Protocol) and the Clean Air Act,¹ FDA, in consultation with the Environmental Protection Agency (EPA), is required to determine whether an FDA-regulated product that releases an ozone-depleting substance (ODS) is an essential use of the ODS. Products containing an ODS, such as CFCs, that are not designated as essential uses cannot be sold or distributed in the United States.

and barred the production, marketing, and sale of epinephrine CFC inhalers after December 31, 2011. The 1-year extension provided additional time to disseminate information about the transition to OTC epinephrine CFC MDI users and allows consumers more time to transition to appropriate non-CFC alternatives.

Education is key

"There are many other safe and effective medications to treat the symptoms of asthma," said Badrul Chowdhury, MD, PhD, Director of FDA's Division of Pulmonary, Allergy, and Rheumatology Products. "Not all breathing problems are asthma, so it is important to get an accurate diagnosis and the proper medicine." Pharmacists should be aware of the following key facts related to the phaseout

of OTC epinephrine MDIs with CFCs:

- Primatene Mist MDIs with CFCs will no longer be available after December 31, 2011. Thus, OTC epinephrine MDI users may need to transition to therapeutic alternatives that contain a different active moiety, such as prescription albuterol MDIs.
- FDA urges patients who use Primatene Mist MDIs to see a health professional soon to switch to another asthma medication.
- Replacement medications for Primatene Mist MDIs may cost more than the OTC inhaler. Pharmacists can recommend that patients contact the drug company that makes the prescribed drug to find out if the company has a patient-assistance program that makes medications available to patients at low or no cost. In addition, patients can contact the Partnership for Prescription Assistance by calling 888-477-2669 or visiting www.pparx.org.

Still have questions?

To learn more about the phaseout of CFC-propelled epinephrine inhalers, a consumer article, podcast, and question and answer sheet can be found on FDA's website at www.fda.gov/Drugs/DrugSafety/InformationbyDrugClass/ucm193304.htm. The question and answer sheet and consumer article, which may be helpful for educating patients, are available in English and Spanish. The consumer article is also available in Chinese.

For additional information and answers to frequently asked questions, you can also visit the EPA website at www.epa.gov/ozone/title6/exemptions/inhalers.html.

—Beth F. Fritsch, BPharm, MBA
Contributing writer

Beth F. Fritsch, BPharm, MBA, is Health Programs Coordinator for FDA's Office of Special Health Issues.

Reference

- 1 Montreal Protocol on Substances that Deplete the Ozone Layer, September 16, 1987, 26 L M 1541 (1987); 1990 Amendments to the Clean Air Act, Pub L No 101-549 (November 15, 1990)

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- Replacement medications for Primatene Mist MDIs may cost more than the OTC inhaler. Pharmacists can recommend that patients contact the drug company that makes the prescribed drug to find out if the company has a patient-assistance program that makes medications available to patients at low or no cost. In addition, patients can contact the Partnership for Prescription Assistance by calling 888-477-2669 or visiting www.pparx.org.

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—Beth F. Fritsch, BPharm, MBA
Contributing writer

Beth F. Fritsch, BPharm, MBA, is Health Programs Coordinator for FDA's Office of Special Health Issues.

Reference

- 1 Montreal Protocol on Substances that Deplete the Ozone Layer, September 16, 1987, 26 ILM 1541 (1987); 1990 Amendments to the Clean Air Act, Public Law No. 101-549 (November 15, 1990)



prep call for MeBr briefing for House E&C and Ag staff

Mon 08/27/2012 3:00 PM - 4:00 PM

Attendance is **required** for Drusilla Hufford

Chair: **Cheryl Mackay/DC/USEPA/US**

Location: 1-866-299-3188, code 202 564-2786, or ARN 3528

Required:	Chris.Church@fas.usda.gov, Drusilla Hufford/DC/USEPA/US@EPA, HobgoodTD@state.gov, Lawrence Elworth/DC/USEPA/US@EPA, Ryan.Caldwell@osec.usda.gov, Sarah Dunham/DC/USEPA/US@EPA
Optional:	Cheryl Woodward/DC/USEPA/US@EPA, chism.bill@epa.gov, David Donaldson/DC/USEPA/US@EPA, Douglas Parsons/DC/USEPA/US@EPA, Joel Beauvais/DC/USEPA/US@EPA, Jonathan Lubetsky/DC/USEPA/US@EPA, Laura Vaught/DC/USEPA/US@EPA, Margie

Description

Attached for your reference are HR 6194 and EPA's statement on this bill.



- BILLS-112hr6194ih.pdf

1 attachment



EPA written statement MeBr.pdf

Personal Notes

From: [Drusilla Hufford](#)
To: [Diane McConkey](#)
Subject: Question
Date: 10/16/2012 10:00 AM

Diane - re our considerations about SNAP

(b) (5)



Drusilla

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<http://www.epa.gov/ozone>

From: [Drusilla Hufford](#)
To: [Cindy Newberg](#)
Subject: Re: amanda
Date: 10/17/2008 03:32 PM
Attachments: [OMBresponse-precharged.doc](#)

Here's my redraft - I want to work in the other stuff in an email. I will send you that ASAP. Come by if you have questions.



OMBresponse-precharged.doc

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From: [Drusilla Hufford](#)
To: [Khanh Nguyen](#)
Cc: [Emma Blackwell](#); [Lisa Walvoord](#); [Linda Rutsch](#)
Subject: RE: Anaheim Conference
Date: 04/07/2011 08:31 AM

Khanh: No worries! I'd love to follow up near the end of this month, and would like to tentatively suggest a few times, that we could work toward. Of course there is some uncertainty just now with respect to federal schedules, but my hope is that we would be past that by the end of this month. If not, we will need to look to a later date. The two times I can suggest as potential ranges for a teleconference are Monday April 25, 1-3 EST or Wednesday April 27 1-3 EST. I am proposing that an hour would be enough to share information, but wanted to offer a range to choose from. Let me know if there is a period in that range when you and your colleague can chat with us, and thanks!

Drusilla

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▼ [Khanh Nguyen ---04/06/2011 11:32:15 AM---](#)Hi Drusilla, I apologize it's taken me this long to get back to you as there is no excuse. Would lo

From: Khanh Nguyen <KNguyen@ColoradoHealth.org>
To: Drusilla Hufford/DC/USEPA/US@EPA
Cc: Emma Blackwell <eblackwell@coloradohealth.org>, Lisa Walvoord <lisawalvoord@livewellcolorado.org>
Date: 04/06/2011 11:32 AM
Subject: RE: Anaheim Conference

Hi Drusilla,

I apologize it's taken me this long to get back to you as there is no excuse. Would love to hear more about your program even though we don't go as far as sun safety but it would be interesting to learn about your strategies. We can definitely find a time to talk and I've copied

Emma Blackwell, my assistant to help find a time. Would mid-to end of April be okay? Do you want just one call with both Lisa and me?

Thank you and again, I'm sorry for my untimely response.

Khanh

-----Original Message-----

From: Hufford.Drusilla@epamail.epa.gov [<mailto:Hufford.Drusilla@epamail.epa.gov>]

Sent: Monday, March 28, 2011 12:06 PM

To: Khanh Nguyen; lisawalvoord@livewellcolorado.org

Cc: Rutsch.Linda@epamail.epa.gov; Vazquez.Kristinn@epamail.epa.gov

Subject: Anaheim Conference

Dear Khanh and Lisa:

I spoke with you both after excellent presentations on your work in Colorado at the conference in Anaheim. While much of my work for EPA is regulatory - since my division is responsible for the phaseout of ozone depleting substances - a big part of it also relates to encouraging sunsafe behavior, since the public health consequence of depleting the ozone layer is more skin cancer. I would like to ask for a copy of your slides, since the model that you gave for behavior change was very interesting. I would also like to ask whether we could have a teleconference to introduce our sun safety program for schools, SunWise, to you to explore whether there are parts of our programs that can benefit and learn from the other.

Thanks,

Drusilla Hufford

Drusilla Hufford

U.S. EPA

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The Colorado Health Foundation™

yv8iABYAAAAAAAAAAd3d3LmNvbG9yYWRvaGVhbHRoLm9yZw==

www.coloradohealth.org

Together, we can make Colorado the healthiest state in the nation.

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From: [David Donaldson](#)
To: [Lee, Amanda I.](#)
Cc: [Frey, Nathan J.](#); [Drusilla Hufford](#); [Jeremy Arling](#); [Sarah Dunham](#); [JohnB Chamberlin](#); [Jackie Krieger](#)
Subject: Re: Comments on 2013 Methyl Bromide Critical Use Exemption Rule
Date: 11/16/2012 01:25 PM
Attachments: [EO12866MethylBromideCUE2060-AR41NPRM20121116.docx](#)

Amanda,

Attached below are EPA revisions in response to November 7 comments on the 2013 Methyl Bromide Critical Use Exemption Rule.



David Donaldson, Chief
Stratospheric Program Implementation Branch
Stratospheric Protection Division
US Environmental Protection Agency
202-343-9086

----- Forwarded by Drusilla Hufford/DC/USEPA/US on 11/07/2012 03:37 PM -----

From: "Lee, Amanda I." (b) (6)
To: Drusilla Hufford/DC/USEPA/US@EPA
Date: 11/07/2012 03:28 PM
Subject: Comments on 2013 Methyl Bromide Critical Use Exemption Rule

Drusilla, please find attached. Thanks.

[attachment "EO12866MethylBromideCUE2060-AR41NPRM20121102Redline
USDA Comments_hl.docx" deleted by David Donaldson/DC/USEPA/US]

From: [Drusilla Hufford](#)
To: [Suzanne Kocchi](#)
Cc: [Allen Fawcett](#); [Anhar Karimjee](#); [Beth Craig](#); [Bill Irving](#); [Chris Sherry](#); [Cindy Newberg](#); [Denise Mulholland](#); [Erin Birgfeld](#); [Isabel DeLuca](#); [Jackie Krieger](#); [Jameel Alsalam](#); [Jeb Stenhouse](#); [Joe Bryson](#); [Julie Rosenberg](#); [Leif Hockstad](#); [Mark DeFigueiredo](#); [Pamela Franklin](#); [Paul Gunning](#); [Reid Harvey](#); [Richard Haeuber](#); [Susan Wickwire](#); [Suzanne Waltzer](#)
Subject: Re: DD review of policy slides for Sarah
Date: 11/19/2012 03:44 PM
Attachments: [Sarah Policy Slides 11-19-12.pptx](#)

Dear Suzie: Attached are our final changes.

Thanks,

Drusilla



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▼ [Suzanne Kocchi---11/16/2012 12:03:38 PM---Hi everyone - Attached for your review is the most recent version of the climate policy briefing fo](#)

From: Suzanne Kocchi/DC/USEPA/US
To: Anhar Karimjee/DC/USEPA/US@EPA, Mark DeFigueiredo/DC/USEPA/US@EPA, Bill Irving/DC/USEPA/US@EPA, Chris Sherry/DC/USEPA/US@EPA, Leif Hockstad/DC/USEPA/US@EPA, Pamela Franklin/DC/USEPA/US@EPA, Suzanne Waltzer/DC/USEPA/US@EPA, Allen Fawcett/DC/USEPA/US@EPA, Jameel Alsalam/DC/USEPA/US@EPA, Erin Birgfeld/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Jeb Stenhouse/DC/USEPA/US@EPA, Richard Haeuber/DC/USEPA/US@EPA, Joe Bryson/DC/USEPA/US@EPA, Susan Wickwire/DC/USEPA/US@EPA, Julie Rosenberg/DC/USEPA/US@EPA, Denise Mulholland/DC/USEPA/US@EPA, Cindy Newberg/DC/USEPA/US@EPA
Cc: Paul Gunning/DC/USEPA/US@EPA, Reid Harvey/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA, Beth Craig/DC/USEPA/US@EPA, Jackie Krieger/DC/USEPA/US@EPA
Date: 11/16/2012 12:03 PM
Subject: DD review of policy slides for Sarah

Hi everyone -

Attached for your review is the most recent version of the climate policy briefing for Sarah. **This should be the version DDs review.** There are a few places we still need to fill in. They are highlighted in red: Joe B - slides 12, 20, 24 and 25. Suzie W/Pamela - slide 20 and Cindy/Drusilla - slide 33.

Due to the holiday next week we need a fairly quick turn around so we can still incorporate any final edits and then be ready to go on 11/26. Therefore, **please get me any final comments from your Division by cob next Tue 11/20.**

Thanks so much!!!!

[attachment "Sarah exercise_11-16-12.pptx" deleted by Drusilla Hufford/DC/USEPA/US]

From: [Drusilla Hufford](#)
To: [David Donaldson](#)
Cc: [Jeremy Arling](#); [Kristinn Vazquez](#)
Subject: Re: epi presentation
Date: 11/09/2011 10:30 AM
Attachments: [U.S. Transition to CFC-Free Asthma Treatments OCIR - 9 Nov 11 DHFinal.pptx](#)

David - Thanks much! I liked all your changes, but added one of my own - so here is a final set of slides. Please print 10 copies, and please bring multiple copies of 1) the ALA/ATS letter; 2) the Mothers of Asthmatics letter; 3) the IPAC letter; and 4) FDA's letter to the NACDS.

I appreciate all your help!

Drusilla



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▼ David Donaldson---11/09/2011 10:18:35 AM---Jeremy and I looked through the slides and made some minor edits, primarily formatting. Let me know

From: David Donaldson/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA
Cc: Kristinn Vazquez/DC/USEPA/US@EPA, Jeremy Arling/DC/USEPA/US@EPA
Date: 11/09/2011 10:18 AM
Subject: epi presentation

Jeremy and I looked through the slides and made some minor edits, primarily formatting. Let me know how many slides to print out.
[attachment "U.S. Transition to CFC-Free Asthma Treatments_OCIR - 9 Nov 11.pptx" deleted by Drusilla Hufford/DC/USEPA/US]

David Donaldson, Chief
Stratospheric Program Implementation Branch
US Environmental Protection Agency
202-343-9086

From: [Drusilla Hufford](#)
To: [Luke Hall-Jordan](#)
Cc: [Dave Godwin](#); [David Donaldson](#); [Elizabeth Whiteley](#)
Subject: Re: For Tomorrow's Meeting with Sarah
Date: 12/01/2011 07:33 AM
Attachments: [Draft response to Carrier - 30 Nov 2011.docx](#)
[PCA strategy 11.30.11.docx](#)
[FINAL HCFC-22 Strat DH.docx](#)

Luke and all others: I like this a lot - I have made some changes, so please use the attached as the document for Sarah. The most important changes I made were to return to the original language in the first 2 bullets of tactics, and I'd be happy to share why I thought this important.

Thanks - and please bring multiple copies!

Drusilla



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▼ [Luke Hall-Jordan---11/30/2011 07:54:35 PM---From: Luke Hall-Jordan/DC/USEPA/US To: Drusilla Hufford/DC/USEPA/US@EPA](#)

From: Luke Hall-Jordan/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA
Cc: David Donaldson/DC/USEPA/US@EPA, Elizabeth Whiteley/DC/USEPA/US@EPA, Dave Godwin/DC/USEPA/US@EPA
Date: 11/30/2011 07:54 PM
Subject: For Tomorrow's Meeting with Sarah

Hi Drusilla,

Attached, you'll find the revised strategy document. If you have additional edits before tomorrow's 11 am meeting, please let us know. Otherwise, I'll accept the changes and print copies for everyone.

Additionally, the draft letter to Carrier is also attached. Neither Dave G. nor Diane have reviewed it yet, but we wanted to see if this is generally what you're envisioning for a response.

Best,
Luke



From: [Drusilla Hufford](#)
To: [Kristinn Vazquez](#)
Subject: Re: Fw: National Sun Safety Day 2009
Date: 12/19/2008 11:13 AM
Attachments: [OCFOBriefJan 6.ppt](#)

Kris:

This is getting embarrassing - but Bella just sent me some great new slides and corrected numbers. So, I hope for the last time, here is the real final OCFO briefing to start from when you are back in town - please ditch all prior versions.

Drusilla



OCFOBriefJan 6.ppt

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▼ Kristinn Vazquez---12/16/2008 10:22:27 AM---Should we wait, then, to send out a follow-up note (summary) to task force members? Maybe wait until

From: Kristinn Vazquez/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA
Date: 12/16/2008 10:22 AM
Subject: Re: Fw: National Sun Safety Day 2009

Should we wait, then, to send out a follow-up note (summary) to task force members? Maybe wait until tomorrow?

Kristinn Vázquez
Deputy Director
Stratospheric Protection Division
Office of Air and Radiation
U.S. Environmental Protection Agency

(202) 343-9062

Never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it's the only thing that ever has. -Margaret Mead

▼ Drusilla Hufford---12/16/2008 10:20:04 AM---Kris: Here is what I sent. I have not yet heard back, so I cannot announce to the TF members any ne

From: Drusilla Hufford/DC/USEPA/US
To: Kristinn Vazquez/DC/USEPA/US@EPA
Date: 12/16/2008 10:20 AM
Subject: Fw: National Sun Safety Day 2009

Kris:

Here is what I sent. I have not yet heard back, so I cannot announce to the TF members any new CDC person.

Drusilla

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----- Forwarded by Drusilla Hufford/DC/USEPA/US on 12/16/2008 10:19 AM -----

From: Drusilla Hufford/DC/USEPA/US
To: "Bernhardt, Jay (CDC/CCHIS/NCHM)" <epq9@cdc.gov>
Date: 12/15/2008 03:03 PM
Subject: RE: National Sun Safety Day 2009

Dear Jay:

Thank you very much for your quick response to my inquiry about collaborating on sun safety. More information about the membership, origins and goals of the National Council on Skin Cancer Prevention is available on our website at <http://www.skincancerprevention.org>. The first National Sun Safety Day, the event we are now planning, will be held on the Friday before Memorial Day 2009. Thus far, our planning task force includes:

Drusilla Hufford, Co-Chair, National Council on Skin Cancer Prevention and Director, EPA Stratospheric Protection Division
Dr. Jeff Ashley, M.D., Sun Safety for Kids
Colette Coyne, Colette Coyne Melanoma Awareness Campaign
Debbie Kirkland, American Cancer Society
Dr. Sandra Read, M.D., Women's Dermatologic Society
Kristen Riehman Sullivan, American Cancer Society Communications
Connie Tegeler, American Academy of Dermatology
Kris Vazquez, U.S. Environmental Protection Agency

This morning we held our first organizational teleconference. Our discussion was very preliminary, reviewing our basic goals and a draft of some possible dates for key deliverables. We also reviewed the attached document, which is our first attempt at pulling together a draft plan of action with possible milestones. We plan to gather again by teleconference on January 7 2009.

We would love to welcome a representative from your office to this effort, because we believe that CDC's health promotion strategies would strengthen our efforts and help us make National Sun Safety Day an important public awareness tool for skin cancer prevention.

Thank you,
Drusilla

[attachment "Milestones Update from Dec 15 meeting.doc"
deleted by Kristinn Vazquez/DC/USEPA/US]

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▼ "Bernhardt, Jay (CDC---12/13/2008 05:10:40 PM--- Dear Drusilla,

From: "Bernhardt, Jay (CDC/CCHIS/NCHM)" <epq9@cdc.gov>
To: Drusilla Hufford/DC/USEPA/US@EPA
Date: 12/13/2008 05:10 PM
Subject: RE: National Sun Safety Day 2009

Dear Drusilla,

Thank you for your note and invitation to collaborate. I am checking with my staff to determine whom the best person to represent us may be and will get back to you shortly. Do you have any additional information you can share about your efforts and others who are involved with this?

Thanks,
Jay

Jay M. Bernhardt, PhD, MPH
Director, National Center for Health Marketing
Coordinating Center for Health Information and Service
Centers for Disease Control and Prevention
<http://www.cdc.gov/healthmarketing>

-----Original Message-----
From: Hufford.Drusilla@epamail.epa.gov
[mailto:Hufford.Drusilla@epamail.epa.gov]
Sent: Tuesday, December 09, 2008 12:29 PM
To: Bernhardt, Jay (CDC/CCHIS/NCHM)
Subject: National Sun Safety Day 2009

Dear Dr. Bernhardt:

I work at EPA on ozone layer protection and climate change prevention. For many years I have collaborated with folks at CDC on the public health issue associated with ozone depletion, skin cancer. In that regard, I am currently serving as Co-Chair of a group CDC helped get started, the National Council on Skin Cancer Prevention.

Professor Ed Maibach gave me your contact information, because I would like to ask your help. The Council has been in existence a very few years, and includes most of the major groups with an interest in this issue - the American Academy of Dermatology, American Cancer Society, Skin Cancer Foundation, and many others. The Council has initiated its first public health campaign, an effort to bring attention to sun safety on the Friday before Memorial Day weekend in 2009. I am creating a small working group to help design this effort, and would ask if there is someone on your staff that I could contact with regard to this

effort.

Thanks very much for considering this collaboration.,

Sincerely,

Drusilla Hufford, Director
U.S. EPA Stratospheric Protection Division

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From: [Drusilla Hufford](#)
To: [Jackie Krieger](#)
Cc: [Anhar Karimjee](#); [Cindy Newberg](#); [David Donaldson](#); [Paul Gunning](#); [Suzanne Kocchi](#)
Subject: Re: Fw: OAR policy calendar update
Date: 10/03/2012 12:16 PM
Attachments: [OAR policy calendar 92612.xlsx](#)

Jackie - here is the revised version with the error we found corrected in redline.

Thanks,

Drusilla



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▼ Jackie Krieger---10/02/2012 03:59:24 PM---I'm really sorry but this one slipped through the cracks: Amit wanted this today but I'll get a more

From: Jackie Krieger/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA, Paul Gunning/DC/USEPA/US@EPA
Cc: Cindy Newberg/DC/USEPA/US@EPA, David Donaldson/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA, Anhar Karimjee/DC/USEPA/US@EPA
Date: 10/02/2012 03:59 PM
Subject: Fw: OAR policy calendar update

I'm really sorry but this one slipped through the cracks; Amit wanted this today but I'll get a more time. All of OAP's entries currently are SPD (MeBr 13, HCFC 12-14 and 15-19, MVAC servicing).. Does CCD have anything to add - I don't think any of the GHGRP rules fit the timing but want to confirm. Indicators Report? Could you edit, highlight and send back to me by 11 tomorrow? Thx.

----- Forwarded by Jackie Krieger/DC/USEPA/US on 10/02/2012 03:51 PM -----

From: Amit Srivastava/DC/USEPA/US
To: Jackie Krieger/DC/USEPA/US@EPA, Lori Stewart/DC/USEPA/US@EPA,

Peter South/RTP/USEPA/US@EPA, Anna Duncan/DC/USEPA/US@EPA
Cc: OAQPS WOPS, Don Zinger/DC/USEPA/US@EPA
Date: 09/26/2012 05:04 PM
Subject: Fw: OAR policy calendar update

Hi everyone,

Linda is requesting updates to the policy calendar. Could you please provide updates (highlighted) to the attached excel file and return to me by Tuesday, October 2. I'll compile your updates into one file and return to Linda.

OAQPS, please note that Linda is also requesting an update to the description of the polymers and resins IV rule.

Thank you!
-Amit

Amit Srivastava
Special Assistant to the Assistant Administrator
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Srivastava.Amit@epa.gov

----- Forwarded by Amit Srivastava/DC/USEPA/US on 09/26/2012 04:50 PM -----

From: Linda Chappell/DC/USEPA/US
To: Amit Srivastava/DC/USEPA/US@EPA
Date: 09/26/2012 04:40 PM
Subject: OAR policy calendar update

Hi Amit,
It is the last Wednesday in September and time for OAR to update the policy calendar. The current calendar is attached. I'd like the updates no later than noon, Wednesday, October 3. Please ask OAQPS to update the description for polymer and resins IV rule, if possible. The current version is pretty generic to RTRs. If you have questions, please let me know.
Thank you and have a great evening,
Linda

[attachment "OAR policy calendar 92612.xlsx" deleted by Drusilla Hufford/DC/USEPA/US]

Linda M. Chappell, Ph.D.
Special Assistant, Office of the Administrator
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Tel: 202-564-2234 / Mobile: 202-734-8292/ Fax: 202-564-1490 /
chappell.linda@epa.gov

From: [Drusilla Hufford](#)
To: [Ed Callahan](#)
Cc: [David Donaldson](#); [Cindy Newberg](#); [Kristinn Vazquez](#)
Subject: Re: Fw: Overview Briefing of OAP's Programs for Betsy Shaw
Date: 04/19/2012 09:34 AM
Attachments: [OAP Overview Slides SPD BetsyShaw.ppt](#)

Ed - Here are SPD's slides for the Betsy briefing.

Thanks!

Drusilla



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From: [Drusilla Hufford](#)
To: [Jeremy Arling](#)
Cc: [David Donaldson](#)
Subject: Re: Fw: Revised 2012 MeBr Rule
Date: 04/02/2012 09:25 AM
Attachments: [2012 Revised Final Rule for OMB v2 \(OGC 3-29-12\) DH.docx](#)

Jeremy - We've discussed my comments, but I wanted to make sure you had them electronically too - FYI only,
Drusilla



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▼ Jeremy Arling---03/29/2012 04:24:47 PM---Drusilla OGC has concluded their review and provided edits on the 2012 rule. I think they do a good

From: Jeremy Arling/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA
Cc: David Donaldson/DC/USEPA/US@EPA
Date: 03/29/2012 04:24 PM
Subject: Fw: Revised 2012 MeBr Rule

Drusilla

OGC has concluded their review and provided edits on the 2012 rule. I think they do a good job of explaining why we are sticking with the proposed rule amounts and tweak some other language about how we calculate "available stocks" in recognition that we may change that in the 2013 rule. I am inclined to accept all of their comments. I wanted to make sure you had an opportunity to review before we finalize anything.

Jeremy Arling
U.S. EPA
Stratospheric Protection Division
Office of Atmospheric Programs
Mail Code: 6205J

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----- Forwarded by Jeremy Arling/DC/USEPA/US on 03/29/2012 04:22 PM -----

From: David Orlin/DC/USEPA/US
To: Jeremy Arling/DC/USEPA/US@EPA
Cc: Diane McConkey/DC/USEPA/US@EPA
Date: 03/29/2012 04:10 PM
Subject: Re: Fw: Revised 2012 MeBr Rule

Jeremy,

Attached are some comments from me and Diane on the revised 2012 rule. Hope they are helpful, and feel free to call if you would like to discuss any.

[attachment "2012 Revised Final Rule for OMB v2 (OGC 3-29-12).docx" deleted by Drusilla Hufford/DC/USEPA/US]

David Orlin
Office of General Counsel
U.S. EPA 2344A
phone: (202) 564-1222
fax: (202) 564-5603

▼ Jeremy Arling---03/27/2012 02:01:36 PM---David I've received guidance this morning not to discuss the iodomethane announcement until the EPA

From: Jeremy Arling/DC/USEPA/US
To: David Orlin/DC/USEPA/US@EPA
Date: 03/27/2012 02:01 PM
Subject: Fw: Revised 2012 MeBr Rule

David

I've received guidance this morning not to discuss the iodomethane announcement until the EPA as a whole has a position.

Jeremy Arling
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----- Forwarded by Jeremy Arling/DC/USEPA/US on 03/27/2012 01:53 PM -----

From: Jeremy Arling/DC/USEPA/US

To: David Donaldson/DC/USEPA/US@EPA
Date: 03/27/2012 11:41 AM
Subject: Revised 2012 MeBr Rule

Dave

Here is a revised version of the rule without any changes made to account for iodomethane developments.
[attachment "Revised Final 2012 Rule for OMB v2.docx" deleted by David Orlin/DC/USEPA/US]

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From: [Drusilla Hufford](#)
To: [Jeremy Arling](#)
Cc: [David Donaldson](#)
Subject: Re: Fw: Revised 2013 MeBr CUE Rule
Date: 10/31/2012 03:21 PM
Attachments: [MeBr-2013 CUE 10.23.12 \(clean + DO\) DHEdit.docx](#)

Here it is:



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From: [Drusilla Hufford](#)
To: [Ed Callahan](#)
Cc: [Beth Craig](#); [Courtney Upshall](#); [Dana Hyland](#); [Doris Price](#); [Jackie Krieger](#); [Kristinn Vazquez](#); [Larry Kertcher](#); [Richard Haeuber](#); [Rona Birnbaum](#); [Sarah Dunham](#)
Subject: Re: FY 2013 Congressional - Anticipatory Q&As
Date: 02/08/2012 11:41 AM
Attachments: [SPD Q&A.doc](#)
[Final_One_Pager_PM_Sarahcom.docx](#)

Ed - Here are recent QA from SPD. I will also send forward a separate, more recent effort very soon,

Thanks,

Drusilla



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<http://www.epa.gov/ozone>

▼ Ed Callahan---02/06/2012 10:07:18 AM---Due February 9 As I mentioned at this morning's Management Meeting, OCFO has asked each AA-ship to p

From: Ed Callahan/DC/USEPA/US
To: Beth Craig/DC/USEPA/US@EPA, Drusilla Hufford/DC/USEPA/US@EPA, Richard Haeuber/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Cc: Courtney Upshall/DC/USEPA/US@EPA, Dana Hyland/DC/USEPA/US@EPA, Doris Price/DC/USEPA/US@EPA, Kristinn Vazquez/DC/USEPA/US@EPA, Larry Kertcher/DC/USEPA/US@EPA, Sarah Dunham/DC/USEPA/US@EPA, Jackie Krieger/DC/USEPA/US@EPA
Date: 02/06/2012 10:07 AM
Subject: FY 2013 Congressional - Anticipatory Q&As

Due February 9

As I mentioned at this morning's Management Meeting, OCFO has asked each AA-ship to prepare Q&As for the upcoming Congressional Hearings on the FY 2013 President's Budget. The hearing

schedule is as follows:

- House Energy & Commerce – February 28 am
- House Appropriations -- February 29 pm
- Senate Environment & Public Works – March 1 am
- Senate Appropriations -- March 14 am

The membership of each committee is presented in the attached spreadsheet.

[attachment "CommitteeMembership.xlsx" deleted by Drusilla Hufford/DC/USEPA/US]

In reviewing the membership, if you have any Q&As that you would like to prepare, please send them to me by February 9. You do not have to prepare Q&As, however, if you know of a hot topic for a committee member or an issue that is outstanding in correspondence, please prepare an anticipatory Q&A using the attached format.

Thanks

Ed

[attachment "Fact_Sheet_Format.doc" deleted by Drusilla Hufford/DC/USEPA/US]

From: [Drusilla Hufford](#)
To: [Kristinn Vazquez](#)
Subject: Re: FYI from Elisa
Date: 01/25/2012 08:42 AM
Attachments: [SPD Budget Briefing for Beth_DH_Final.ppt](#)

Kris - Here is the briefing I want to work from for some of the budget stuff -

Thanks!

Drusilla



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From: [Drusilla Hufford](#)
To: [lindsey briggs](#)
Cc: vazquez.kristinn@epa.gov
Subject: Re: Information on Cataracts Story
Date: 07/30/2010 04:34 PM

Lindsey: Monday may be possible - I am cc'ing my Deputy Kris Vazquez with this reply, so she can work to see if that is possible. In the meantime, I am very glad you wrote because today EPA put out a press release about our new cataracts report, with a wonderful forward by Prevent Blindness America. Below I am attaching some overview information about the release. Let me or Kris know if you would like additional information, and thanks again for the opportunity to talk with you and your audiences about sun safety.

Best,

Drusilla

Subject: EPA Releases New Report - Protecting the Ozone Layer Protects Eyesight

Dear Public Health Professional,

Kicking off August as Cataract Awareness Month, EPA's Stratospheric Protection Division is pleased to announce a new peer-reviewed report that estimates cataract cases avoided through stronger ozone layer protection. EPA uses the Atmospheric and Health Effects Framework (AHEF) model to estimate skin cancer cases and deaths avoided by protecting the ozone layer.

The new report shows that AHEF now has the capability to model avoided cataract cases resulting from various policy changes. For example, EPA estimates that the strengthening of the original Montreal Protocol through the Amendments of 1997 will avoid more than 22 million additional new cataract cases for Americans born between the years 1985 and 2100.

EPA plans further updates to AHEF, including emissions scenarios consistent with the most recent WMO projections of ozone layer recovery, and reflective of the Montreal Protocol as it has evolved to date.

Attached please find a one-pager on the report, Protecting the Ozone Layer Protects Eyesight – A Report on Cataract Incidence in the United States Using the Atmospheric and Health Effects Framework Model.

You can access the full EPA report and press release at: www.epa.gov/ozone/strathome.html

Please feel free to contact me should you have any questions.

Thank you for your continued interest in stratospheric ozone protection,

Drusilla Hufford, Director, Stratospheric Protection Division, U.S. EPA

To learn more about how to prevent cataracts, from EPA's SunWise Program, visit: <http://www.epa.gov/sunwise/doc/eyedamage.pdf>.

For more information on Cataract Awareness Month and cataract symptoms please visit: www.preventblindness.org.

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-----lindsey briggs <debone.briggs@gmail.com> wrote: -----

To: Drusilla Hufford/DC/USEPA/US@EPA, Dave Ryan/DC/USEPA/US@EPA
From: lindsey briggs (b) (6)
Date: 07/30/2010 11:03AM
Subject: Information on Cataracts Story

Hi Drusilla.

I wanted to thank you for your time this week for an interview on the UV index application to prevent Sun Cancer. I am interested in doing a story on Cataracts since it August is the month. Can we set up a time for Monday? also can you let me know of any kick-off events that maybe happening this upcoming week if there is something I do not know of. This would be great!

I look forward to hearing from you!

Lindsey

--

Lindsey D. Briggs
KAMR 4 Amarillo, Texas
Washington D.C. Correspondent (857) 222-5337

From: [Drusilla Hufford](#)
To: [Kristinn Vazquez](#)
Cc: [David Donaldson](#); [Jeremy Arling](#)
Subject: Re: materials for you to review and give to Sarah for your weekly on epi
Date: 10/17/2011 02:16 PM
Attachments: [Desk statement key messages QandA on Primatene Mist Transition.docx](#)
[Desk statement key messages QandA on Primatene Mist Transition DHEdit.docx](#)

Kris - Thanks much for pulling all this together. I attach a revised draft, and I will share this revised version with Sarah so it is the one you should work from, if we get further edits (hah!). Two comments: 1) the 19 alternatives are not all inhalers - many are pills or DPIs, so I have revised every sentence I could find that calls them alternative inhalers; 2) we do not address the confusion over global warming as the reason why Primatene Mist is going away, and I think this is a mistake.

Thanks,

Drusilla



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▼ Kristinn Vazquez---10/17/2011 12:23:02 PM---Hi Drusilla, The attached document contains the three elements you asked for in our briefing for Sar

From: Kristinn Vazquez/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA
Cc: David Donaldson/DC/USEPA/US@EPA, Jeremy Arling/DC/USEPA/US@EPA
Date: 10/17/2011 12:23 PM
Subject: materials for you to review and give to Sarah for your weekly on epi

Hi Drusilla,

The attached document contains the three elements you asked for in our briefing for Sarah on inhalers on Friday.

I'm sure you will have changes. Just let us know what we can do to help.

Thanks so much,



Kris

Kristinn Vázquez

Deputy/Communications Director
Stratospheric Protection Division
U.S. Environmental Protection Agency
(202) 343-9062

Learn about ozone layer protection: www.epa.gov/ozone/strathome.html

*Never doubt that a small group of thoughtful, committed citizens can change the world;
indeed, it's the only thing that ever has. -Margaret Mead*

From: [Drusilla Hufford](#)
To: [Bernhardt, Jay \(CDC/CCHIS/NCHM\)](#)
Subject: RE: National Sun Safety Day 2009
Date: 12/15/2008 03:03 PM
Attachments: [Milestones Update from Dec 15 meeting.doc](#)

Dear Jay:

Thank you very much for your quick response to my inquiry about collaborating on sun safety. More information about the membership, origins and goals of the National Council on Skin Cancer Prevention is available on our website at <http://www.skincancerprevention.org>. The first National Sun Safety Day, the event we are now planning, will be held on the Friday before Memorial Day 2009. Thus far, our planning task force includes:

Drusilla Hufford, Co-Chair, National Council on Skin Cancer Prevention and
Director, EPA Stratospheric Protection Division
Dr. Jeff Ashley, M.D., Sun Safety for Kids
Colette Coyne, Colette Coyne Melanoma Awareness Campaign
Debbie Kirkland, American Cancer Society
Dr. Sandra Read, M.D., Women's Dermatologic Society
Kristen Riehman Sullivan, American Cancer Society Communications
Connie Tegeler, American Academy of Dermatology
Kris Vazquez, U.S. Environmental Protection Agency

This morning we held our first organizational teleconference. Our discussion was very preliminary, reviewing our basic goals and a draft of some possible dates for key deliverables. We also reviewed the attached document, which is our first attempt at pulling together a draft plan of action with possible milestones. We plan to gather again by teleconference on January 7 2009.

We would love to welcome a representative from your office to this effort, because we believe that CDC's health promotion strategies would strengthen our efforts and help us make National Sun Safety Day an important public awareness tool for skin cancer prevention.

Thank you,
Drusilla



Milestones Update from Dec 15 meeting.doc

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▼ "Bernhardt, Jay (CDC---12/13/2008 05:10:40 PM--- Dear Drusilla,

From: "Bernhardt, Jay (CDC/CCHIS/NCHM)" <epq9@cdc.gov>
To: Drusilla Hufford/DC/USEPA/US@EPA
Date: 12/13/2008 05:10 PM
Subject: RE: National Sun Safety Day 2009

Dear Drusilla,

Thank you for your note and invitation to collaborate. I am checking with my staff to determine whom the best person to represent us may be and will get back to you shortly. Do you have any additional information you can share about your efforts and others who are involved with this?

Thanks,
Jay

Jay M. Bernhardt, PhD, MPH
Director, National Center for Health Marketing
Coordinating Center for Health Information and Service
Centers for Disease Control and Prevention
<http://www.cdc.gov/healthmarketing>

-----Original Message-----
From: Hufford.Drusilla@epamail.epa.gov
[mailto:Hufford.Drusilla@epamail.epa.gov]
Sent: Tuesday, December 09, 2008 12:29 PM
To: Bernhardt, Jay (CDC/CCHIS/NCHM)
Subject: National Sun Safety Day 2009

Dear Dr. Bernhardt:

I work at EPA on ozone layer protection and climate change prevention. For many years I have collaborated with folks at CDC on the public health issue associated with ozone depletion, skin cancer. In that regard, I am currently serving as Co-Chair of a group CDC helped get started, the National Council on Skin Cancer Prevention.

Professor Ed Maibach gave me your contact information, because I would like to ask your help. The Council has been in existence a very few years, and includes most of the major groups with an interest in this issue - the American Academy of Dermatology, American Cancer Society, Skin Cancer Foundation, and many others. The Council has initiated its first public health campaign, an effort to bring attention to sun safety on the Friday before Memorial Day weekend in 2009. I am creating a small working group to help design this effort, and would ask if there is someone on your staff that I could contact with regard to this effort.

Thanks very much for considering this collaboration.,

Sincerely,

Drusilla Hufford, Director
U.S. EPA Stratospheric Protection Division

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From: [Drusilla Hufford](#)
To: [Kristinn Vazquez](#)
Subject: Re: Pls send final briefings from last week.
Date: 10/17/2011 08:12 AM
Attachments: [Gina M Jim J Briefing on Carrier Petition 10-13-11_REAL_FINAL_TODAY.pptx](#)
[U.S. Transition to CFC-Free Asthma Treatments Sarah Draft.pptx](#)
[Sarah Dunham SPD Overview Draft.ppt](#)

Kris - here they are and thanks for keeping up with this:



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▼ Kristinn Vazquez---10/15/2011 11:46:21 PM---I have drafts but not finals for the briefings you gave last week: SPD Overview for Sarah

From: Kristinn Vazquez/DC/USEPA/US
To: "Drusilla Hufford" <Hufford.Drusilla@epamail.epa.gov>
Date: 10/15/2011 11:46 PM
Subject: Pls send final briefings from last week.

I have drafts but not finals for the briefings you gave last week:
SPD Overview for Sarah
Carrier for Gina
MDIs for Sarah

Thanks,
Kris
Kristinn Vazquez
Deputy Director
Stratospheric Protection Division
U.S. EPA
202-343-9062, BB: 202-256-3126
*Please forgive any typos or cryptic lingo.

From: [Drusilla Hufford](#)
To: [Jeanne Briskin](#)
Cc: [Cindy Newberg](#); [Jeff Cohen](#); [Linda Rutsch](#); [Marta Montoro](#); [Ross Brennan](#)
Subject: Re: revised fy09
Date: 03/23/2007 08:51 AM
Attachments: [UNFUNDED PROGRAMS spd fy 09 032207.doc](#)
[FY09 Unfunded Opportunities.doc](#)

Here's a revised version - thanks for the review oppty -



FY09 Unfunded Opportunities.doc

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▼ [Jeanne Briskin/DC/USEPA/US](#)

**Jeanne
Briskin/DC/USEPA/US**

03/22/2007 03:58 PM

To drusilla hufford
Cindy Newberg/DC/USEPA/US@EPA, Linda
Rutsch/DC/USEPA/US@EPA, Jeff
cc Cohen/DC/USEPA/US@EPA, Ross
Brennan/DC/USEPA/US@EPA, Marta
Montoro/DC/USEPA/US@EPA
Subject revised fy09

Linda and Cindy have reviewed and ok'd the minor changes that I made to the write ups.

this includes info from AERB too.



UNFUNDED PROGRAMS spd fy 09 032207.doc

From: [Diane McConkey](#)
To: [Drusilla Hufford](#)
Subject: Re: Tomorrow's Draft Gina Briefing
Date: 09/26/2012 01:19 PM
Attachments: [Title VI Opportunities_DRAFT FINAL.slide10.pptx](#)



Thanks -- see my suggestion for slide 10.

▼ Drusilla Hufford---09/26/2012 08:44:13 AM---Diane: Attached is a draft of our discussion for Gina tomorrow. I'd love to chat with you briefly

From: Drusilla Hufford/DC/USEPA/US
To: Diane McConkey/DC/USEPA/US@EPA
Date: 09/26/2012 08:44 AM
Subject: Tomorrow's Draft Gina Briefing

Diane: Attached is a draft of our discussion for Gina tomorrow. I'd love to chat with you briefly about it, and get your input. Thanks,

Drusilla

[attachment "Title VI Opportunities_DRAFT FINAL.pptx" deleted by Diane McConkey/DC/USEPA/US]

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From: [Drusilla Hufford](#)
To: [David Donaldson](#)
Cc: [Julie Kunrath](#); [Kristinn Vazquez](#); [Linda Rutsch](#); [Luke Hall-Jordan](#); [Robert Burchard](#); [Robert Landolfi](#)
Subject: Re: UV Index briefing and handout for tomorrow's meeting with OEI
Date: 03/27/2012 01:17 PM
Attachments: [OEI Meeting_DHEdit.pptx](#)

David - I really like the briefing! I made a few edits - let me know if this still works and thanks,

Drusilla



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▼ David Donaldson---03/27/2012 12:48:33 PM---Drusilla, Attached below are the briefing materials for the OEI UV Index briefing. Note that the han

From: David Donaldson/DC/USEPA/US
To: Drusilla Hufford/DC/USEPA/US@EPA
Cc: Linda Rutsch/DC/USEPA/US@EPA, Kristinn Vazquez/DC/USEPA/US@EPA, Robert Burchard/DC/USEPA/US@EPA, Robert Landolfi/DC/USEPA/US@EPA, Julie Kunrath/DC/USEPA/US@EPA, Luke Hall-Jordan/DC/USEPA/US@EPA
Date: 03/27/2012 12:48 PM
Subject: UV Index briefing and handout for tomorrow's meeting with OEI

Drusilla,

Attached below are the briefing materials for the OEI UV Index briefing. Note that the handout shows UV Index app images on one side and the LPJ Tweet/EPA webpage image on the other. Please let us know if you have any final edits and we will bring printed copies to the meeting.

We also received confirmation that Maja Lee can attend at the scheduled time.

UV Index briefing for OEI

3 PM in room 6303 EPA West.

Briefing

[attachment "OEI Meeting 7.pptx" deleted by Drusilla Hufford/DC/USEPA/US]

Handout

[attachment "App Publicity2.pptx" deleted by Drusilla Hufford/DC/USEPA/US]

From: [David Donaldson](#)
To: [nfrey \(b\) \(6\)](#)
Cc: [Drusilla Hufford](#); arling.jeremy@epa.gov
Subject: Redline
Date: 11/01/2012 09:40 AM
Attachments: [EO12866MethylBromideCUE2060-AR41NPRM20121031Redline.docx](#)

Nathan,

Attached for our call this afternoon is the redline version of the 2013 methyl bromide allocation rule. Revisions to the rule are based on inter-agency comments that were provided by you. We look forward to talk through the comments and revisions this afternoon.

David Donaldson, Chief
Stratospheric Program Implementation Branch
Stratospheric Protection Division
US Environmental Protection Agency
202-343-9086

From: [Drusilla Hufford](#)
To: [Jackie Krieger](#)
Cc: [Ed Callahan](#); [Sarah Dunham](#); [Cindy Newberg](#); [David Donaldson](#); [Kristinn Vazquez](#)
Bcc: [Drusilla Hufford](#)
Subject: Response to "Managing Differently" in 2012
Date: 01/26/2012 04:32 PM
Attachments: [Plan-120123 Ed table SPD FINAL.docx](#)
[SPD Budget 2012 Plan for Managing Differently.docx](#)

Jackie - here are our responses for this question. The highlights will follow by COB.

Drusilla



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From: [Drusilla Hufford](#)
To: [David Donaldson](#); [Kristinn Vazquez](#)
Cc: [Jeremy Arling](#)
Subject: Revise as Needed
Date: 10/28/2011 09:00 AM
Attachments: [ORIA Dave Rowson Intro DHDraft.pptx](#)

Here is my initial draft for our Dave Rowson briefing - please make changes as appropriate (viz - title slide may misspell name, certainly mischaracterizes OAR role of our colleague)

Thanks!



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From: [Drusilla Hufford](#)
To: [Joel Beauvais](#)
Cc: [Sarah Dunham](#); [David Donaldson](#)
Bcc: drusillahufford@gmail.com
Subject: Revised Testimony
Date: 07/13/2012 08:41 AM
Attachments: [HEC 7-18-12 Primatene Mist Methyl Bromide Hrg draft Statement 7-12 redline BeauvaisComment.docx](#)

Sarah and Joel:

Please find attached a revised testimony that includes changes - may need more but I wanted to get you something fast. I have kept redline in the areas where I want you to know I have made changes, or where I think there may be some needed consultation. Let me know if there are other things I should revise, and thanks,

Drusilla



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From: [Sarah Dunham](#)
To: [Gina McCarthy](#); [Joseph Goffman](#)
Bcc: [Drusilla Hufford](#)
Subject: SAN 5564 - Protection of Stratospheric Ozone: Adjustments to the Allowance System for Controlling HCFC Production, Import, and Export for 2012-2014
Date: 11/21/2012 09:44 AM
Attachments: [EO12866_CAA Part 82A 2060 AQ98 FINAL FRN 7.19.12.doc](#)

Gina, Joe--

Joe asked that I forward the HCFC 22 2012-2014 allocation rule along--see attached. This is the most recent version that has been awaiting OMB transmittal, or waiver of review. (I am not attaching all the communications materials, transmittal memos, etc, but have them if you need them).

Thanks
Sarah



From: [David Donaldson](#)
To: [Sarah Dunham](#)
Cc: [Drusilla Hufford](#); [Jackie Krieger](#)
Subject: SAN 5564 - Protection of Stratospheric Ozone: Adjustments to the Allowance System for Controlling HCFC Production, Import, and Export for 2012-2014 (FRM)(OMB)(AA)
Date: 11/21/2012 09:16 AM
Attachments: [2012 HCFC Final Rule - Action memo - 7-17-12.docx](#)
[2012 HCFC Final Rule - Communication strategy - 7-10-12.docx](#)
[2012 HCFC Final Rule - Desk statement - 7-17-12.docx](#)
[2012 HCFC Final Rule - Fact sheet - 7-10-12.docx](#)
[2012 HCFC Final Rule - SAN 5564 OP memo 7.17.12.docx](#)
[2012 HCFC Final Rule - Summary for OMB 07-26-12.docx](#)
[2012 HCFC Final Rule - Transmittal memo - OAP to OAR - 7-17-12.docx](#)
[2012 HCFC Final Rule - Web announcement - 7-10-12.doc](#)
[EO12866 CAA Part 82A 2060 AQ98 FINAL FRN 7.19.12.doc](#)

Rule package attached below.

08/01/2012 SAN#: 5564 CMS Control #:

Protection of Stratospheric Ozone: Adjustments to the Allowance System for Controlling HCFC
Production, Import, and Export for 2012-2014
Tier: 3 RIN#:2060-AQ98 OAP

From: [Drusilla Hufford](#)
To: [Jackie Krieger](#)
Subject: SPD Edits
Date: 04/24/2012 02:27 PM
Attachments: [OAP-Overview_Ed_version.pptx](#)

Jackie - Here are my edits - thanks much and let me know if you have comments,

Drusilla



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<http://www.epa.gov/ozone/title6/exemptions/inhalers.html>

Last updated on Tuesday, August 23, 2011

Ozone Layer Protection - Regulatory Programs

You are here: [EPA Home](#) [Ozone Layer Protection](#) [Regulatory Programs](#) Metered Dose Inhalers

Metered Dose Inhalers The Transition to Ozone-Safe Propellants

This page contains information on the transition to ozone-safe Metered Dose Inhalers (MDIs). A one-page, printable [fact sheet on the transition](#) is also available for downloading (1 p., 88 kb, [About PDF](#)).

Why are MDIs propelled by CFCs being phased out?

Chlorofluorocarbons (CFCs) deplete the stratospheric ozone layer. A thinner ozone layer allows more harmful ultraviolet (UV) radiation to reach the Earth's surface. Overexposure to UV radiation can lead to serious health effects, such as skin cancer, cataracts, and immune suppression, as well serious ecological impacts.

The Montreal Protocol on Substances that Deplete the Ozone Layer (Montreal Protocol) is a landmark international agreement designed to protect the ozone layer. As a Party to the Montreal Protocol, the United States has committed to phasing out and eventually eliminating substances that deplete the ozone layer, including CFCs. It is estimated that actions to protect and restore the ozone layer will save millions of U.S. lives that would have otherwise been lost to skin cancer.

The shift to CFC-free MDIs is part of a larger transition that has affected many consumer and industrial products and sectors over the last several decades. In 1996, the United States prohibited the production and import of CFCs except for certain essential uses. In fact, MDIs used for the treatment of asthma and chronic obstructive pulmonary disease are among the last uses to switch to ozone-safe alternatives.

Why do MDIs contain propellants?

MDIs use a chemical propellant to push medication out of the inhaler. Two common propellants are CFCs and HFAs (hydrofluoroalkanes). HFAs are ozone-safe propellants and are replacements for ozone-depleting CFCs in many sectors. Neither CFCs nor HFAs are medications; they serve only as the propellant that pushes the medication out of the inhaler. There are a variety of active medications that can be contained within MDIs, such as albuterol, flunisolide, cromolyn, and epinephrine.

What is happening with CFC-albuterol MDIs?

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Information on the phaseout of 7 CFC Metered-Dose Inhalers: flunisolide, triamcinolone, metaproterenol, pirbuterol, albuterol and ipratropium in combination, cromolyn, and nedocromil (4/13/2010)

Information on the phaseout of CFC-epinephrine MDIs (11/19/2008)

Information on the phaseout of CFC-albuterol MDIs (4/4/2005)

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- [A copy of FDA's Albuterol CFC-MDI rule can be found here](#) (25, pp., 278 kb, [About PDF](#)).

Will I still be able to purchase an albuterol MDI after December 31, 2008?

Yes. Only CFC-albuterol MDIs are being phased out. CFC-free albuterol MDIs (i.e. HFA MDIs) are available. There are currently four HFA MDIs available to patients - three that contain albuterol and one that contains levalbuterol.

- Proventil HFA (albuterol sulfate) Inhalation Aerosol
- Ventolin HFA (albuterol sulfate) Inhalation Aerosol
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- Xopenex HFA (levalbuterol tartrate) Inhalation Aerosol

Will I be able to purchase CFC-albuterol MDIs after December 31, 2008?

No. Under the Nonessential Products Ban, CFC-albuterol inhalers cannot be sold at pharmacies, from online distributors, or from any other sources after December 31, 2008.

Can free health clinics, public health departments, or any other entity provide CFC-albuterol MDIs to patients free of charge after December 31, 2008?

No. No person or entity may sell or distribute CFC-albuterol MDIs after December 31, 2008. This includes the distribution of free CFC-albuterol MDIs by free health clinics, public health departments, or any other entity.

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Your HFA-albuterol MDI may be more expensive than your CFC-albuterol MDI because HFA-MDIs are not currently available in generic form. To assist patients with the higher costs of the HFA-albuterol MDIs, all four HFA-albuterol MDI manufacturers have instituted programs to assist patients with the increased out-of-pocket costs of making the transition. For low-income patients, each manufacturer has eased the income restrictions to receive free and discounted medicines and has streamlined the procedures for applying for assistance. To assist patients who may face a higher co-pay, coupons for free and discounted HFA albuterol MDIs are available through physicians, at pharmacies, and for download from individual manufacturer websites. For more information about financial assistance programs, please visit [EXIT Disclaimer](#):

- transitionnow.org
- [The Partnership for Prescription Assistance](#) or by phone at 1-888-477-2669

What is happening with CFC-epinephrine MDIs?

Epinephrine metered dose inhalers that contain chlorofluorocarbons are being phased out and cannot be sold in the United States after December 31, 2011. Patients who use epinephrine CFC inhalers need to talk to their health care professionals and switch to another medicine before that date.

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On April 14, 2010, FDA announced that seven metered dose inhalers that contain CFCs are being phased out in the United States.

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Dates for the phase-out of each CFC inhaler have been set. After those dates, these CFC inhalers cannot be made, dispensed, or sold in the United States. The seven CFC inhalers are listed here by their brand names, along with their manufacturers and the last date they can be sold in the United States. The generic names for the medicines appear in parentheses.

1. Tilade Inhaler (nedocromil), made by King Pharmaceuticals, last date for sale: June 14, 2010
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Four of the seven CFC inhalers are no longer being made. Three CFC inhalers currently in use—Aerobid, Combivent, and Maxair—will be phased out over the next one to three years. These later phase-out dates give patients time to talk with their health care professionals and switch to another medicine.

Where can I get more information on the transition?

Additional information on the transition to ozone-safe inhalers is available from the following websites:

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<http://www.epa.gov/ozone/title6/exemptions/inhalers.html>

Last updated on Tuesday, August 23, 2011

Ozone Layer Protection - Regulatory Programs

You are here: [EPA Home](#) [Ozone Layer Protection](#) [Regulatory Programs](#) Metered Dose Inhalers

Metered Dose Inhalers The Transition to Ozone-Safe Propellants

This page contains information on the transition to ozone-safe Metered Dose Inhalers (MDIs). A one-page, printable [fact sheet on the transition](#) is also available for downloading (1 p., 88 kb, [About PDF](#)).

Why are MDIs propelled by CFCs being phased out?

Chlorofluorocarbons (CFCs) deplete the stratospheric ozone layer. A thinner ozone layer allows more harmful ultraviolet (UV) radiation to reach the Earth's surface. Overexposure to UV radiation can lead to serious health effects, such as skin cancer, cataracts, and immune suppression, as well serious ecological impacts.

The Montreal Protocol on Substances that Deplete the Ozone Layer (Montreal Protocol) is a landmark international agreement designed to protect the ozone layer. As a Party to the Montreal Protocol, the United States has committed to phasing out and eventually eliminating substances that deplete the ozone layer, including CFCs. It is estimated that actions to protect and restore the ozone layer will save millions of U.S. lives that would have otherwise been lost to skin cancer.

The shift to CFC-free MDIs is part of a larger transition that has affected many consumer and industrial products and sectors over the last several decades. In 1996, the United States prohibited the production and import of CFCs except for certain essential uses. In fact, MDIs used for the treatment of asthma and chronic obstructive pulmonary disease are among the last uses to switch to ozone-safe alternatives.

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From: [Drusilla Hufford](#)
To: [Sarah Dunham](#)
Cc: [Jackie Krieger](#)
Subject: Sun Safety Slides for Florida Dermatology Meeting
Date: 05/02/2012 02:53 PM
Attachments: [FSDDS Presentation May 2012.pptx](#)

Sarah - Thanks for your comments on the earlier science slideset; I have incorporated them.

Here is the one that I think is much more easy - sun safety. If you have comments, let me know and thanks,

Drusilla



Drusilla Hufford
U.S. EPA
Mailing address
1200 Pennsylvania Avenue, NW (6205J)
Washington, DC 20460
Office location and express mail delivery
1310 L St., NW
Washington, DC 20005
tel: 202-343-9101
cell: 202-253-2243
fax: 202-343-2363
e-mail: hufford.drusilla@epa.gov
<http://www.epa.gov/ozone>

From: [Ilona Melstrads](#)
To:
Bcc: [Drusilla Hufford](#)
Subject: SunWise News Roundup April 29, 2009
Date: 04/29/2009 04:01 PM



News Roundup Wednesday April 29, 2009

Skin cancer prevention / awareness: events

Schools

EPA Uses SunWise Contest to Urge Children and All Americans to Protect Selves against Skin Cancer.

Co-sponsors are SHADE Foundation of America and WeatherBug Schools in contest asking "children to make posters with messages aimed at preventing skin cancer." U.S. E.P.A. Administrator L. P. Jackson: "This is a fun way for them to address very serious concerns about sun safety and long term health hazards." Can vote for national winner at www.epa.gov/sunwise. April 24, 2009
<http://www.allheadlinenews.com/articles/7014916298>

EPA urges all Americans: Cast your vote now vs skin cancer.

Co-sponsor of contest, S. Schilling, president of SHADE Foundation. "Because one in five children grows up to develop skin cancer, it's more important than ever to teach our kids how to be safe in the sun." Online voting until May 10, 2009. April 29, 2009
<http://www.saipantribune.com/newsstory.aspx?cat=16&newsID=89830>

Disfrutemos el sol sin perjudicar nuestra salud.

U.S. Congresswoman I. Ros-Lehtinen of Florida writes about U.S. E.P.A.'s SunWise program, in an article on melanoma increases and how one can enjoy the sun without jeopardizing one's health. (Mentions that SunWise had more than 18,000 schools enrolled at time of writing; now, more than 21,000.) April 18, 2009
<http://www.diariolasamericas.com/news.php?nid=76349&pag=1>

FSDDS Announces Winners of 2009 Florida Sun Defense Essay Contest.

The Florida Society of Dermatology and Dermatologic Surgery held its "Sun Defense essay contest among elementary schools throughout the state of Florida. Almost 4,000 students in 34 counties across Florida wrote essays for their schools...." April 24, 2009
http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20090424005109&newsLang=en

Kelli Pedroia, skin cancer survivor, encourages students to: Love the skin you're in.

Wife of Boston Red Sox player visited Waltham High to warn about the dangers tanning, to help avoid the melanoma she acquired from tanning. "She also awarded the students \$1,000 for their involvement in the Melanoma Foundation of New England 'Your Skin Is In' contest..." April 27, 2009
<http://www.dailynewstribune.com/education/x289631845/Kelli-Pedroia-skin-cancer-survivor-encourages-students-to-Love-the-skin-youre-in>

Brief asides.

"Other Hawaii schools would be smart to follow 'Iolani's lead in protecting students from the harmful effects of too much sun. The Honolulu private school is renowned for a sun-safety program...." April 23, 2009
http://www.starbulletin.com/editorials/20090423_Brief_asides.html

Screenings and other educational events

Creating a Personal Sun Shield.

The Skin Cancer Institute at The University of Arizona and the Arizona-Sonora Desert Museum are co-hosting May 2 and 3 the "Living in Harmony with the Sun" event, to coincide with Melanoma/Skin Cancer Detection and Prevention Month. Activities "that focus on skin cancer prevention and detection" while enjoying the outdoors. Also free skin cancer screenings. April 27, 2009
<http://uanews.org/node/25277>

Melanoma: 'The ugly duckling spot.'

Relates work of Melanoma International Foundation, which focuses on support and advice to patients, including finding the right doctors and hospitals via hotline with founder C. Poole. "Part of being an adviser and friend for melanoma patients and their families, for Poole, is an annual event sponsored by the Melanoma International Foundation," at Villanova University, "in Seattle and Phoenix and 26 other satellite locations...." April 27, 2009
<http://www.dailylocal.com/articles/2009/04/27/life/srv0000005166149.txt>

Free Skin Cancer Screening Coming Your Way.

"Throughout the spring and summer, the Skin Cancer Foundation is sending an RV fitted with two exam rooms to more than 50 cities across the United States, offering free skin cancer screenings by volunteer dermatologists.... In the examining room, you strip down, and then the dermatologist uses a lighted magnifier to scrutinize every inch of skin...." April 27, 2009
<http://health.usnews.com/blogs/on-health-and-money/2009/04/27/free-skin-cancer-screening-coming-your-way.html>

Funky Spot Exam.

"That 'healthy tan' you've been trying to maintain over the winter months in a tanning bed and will be the focus of many hours in the warmer months to come might be the start of skin cancer." The Cincinnati Dermatol. Society joins the Amer. Cancer Society "and participating dermatologists to offer free skin cancer screenings to Cincinnati and Northern Kentucky residents." May 4 – 9. April 29, 2009
<http://www.citybeat.com/cincinnati/blog-652-funky-spot-exam.html>

Appointments needed for free skin cancer tests.

Friday at the Evansville Cancer Center, part of the American Academy of Dermatology's annual skin cancer detection program. April 29, 2009
<http://www.courierpress.com/news/2009/apr/28/no-headline---28a03cancer-brf/>

Skin cancer screenings planned locally.

North Penn Visiting Nurse Association, Abington Health Lansdale Hospital, and the Amer. Academy of Dermatology to hold free skin cancer screening at hospital, May 9. "Upon arriving at the screening, participants will sign-in and watch a short video on how to perform a self body exam.... 'Don't wait for symptoms....'" April 27, 2009
<http://www.thereporteronline.com/articles/2009/04/27/life/srv0000005137676.txt>

Skin cancer screeners examine 132 people at Tradition Field.

"Moffitt Cancer Center and the Tampa Bay Rays wrapped-up the second annual Spring Swing skin cancer screening and education tour, which encompasses stops at six spring training venues in Florida." April 27, 2009

<http://www.tcpalm.com/news/2009/apr/27/skin-cancer-screeners-examine-132-people-tradition/>

Free Skin Cancer Screening At Wake Forest Baptist.

Dermatologists from the Winston-Salem community will conduct free skin cancer screenings May 7 at Wake Forest University Baptist Medical Center, sponsored by the American Academy of Dermatology. April 29, 2009
<http://www.digitriad.com/news/local/article.aspx?storyid=123295&catid=57>

Indoor UV-tanning legislation

Bill [OH] aims to stop tanning teens.

"Under the current guidelines in Ohio, minors are required to have parental consent to use a tanning bed. But lawmakers say for health reasons, they want to pass legislation requiring a doctor's note." April 24, 2009
<http://www.wtap.com/news/headlines/43646447.html>

Tanning isn't worth harmful effects.

Letter in support of above revived bill. "Tanning booths will ruin your skin, but you won't know that for many years." April 28, 2008
<http://www.cleveland.com/medical/plaindealer/index.ssf?base/news/1240907534324760.xml&coll=2>

How young is too young for a tanning bed [TX]?

"Temperers are rising with some Victoria tanning salon owners thinking government has better things to do than to stick its nose in their tanning beds." April 24, 2009
http://www.myvictoriaonline.com/index.php?option=com_content&view=article&id=1363:how-young-is-too-young-for-a-tanning-bed&catid=55:local&Itemid=54

Correction: Teen Tanning Bill [TX] story.

On April 21 story about teen tanning bill, "The Associated Press erroneously reported that the bill would allow teens under 16 1/2 years old to use tanning beds with a doctor's permission. The bill as passed would ban all teens under 16 1/2 from using the beds, even if a doctor gave permission." April 23, 2009
<http://www.dallasnews.com/sharedcontent/APstories/stories/D97OBDGO1.html>

Letters to the Editor. Big Brother in the tanning beds, nurses in the doctors' role.

Parents, not state, should regulate kids' tanning. April 29, 2009
http://www.statesman.com/opinion/content/editorial/stories/04/29/0429letters_edit.html

Skin cancer awareness

May Is National Skin Cancer Awareness Month.

ACS "estimates that well over 1 million Americans develop non-melanoma (basal cell or squamous cell) cancers annually. Melanoma ... was expected to be diagnosed in more than 60,000 people in 2008." April 29, 2009
<http://patient.cancerconsultants.com/CancerNews.aspx?DocumentId=43471&Keywords=cancer,news,information,treatment,skin%20cancer,melanoma,non-melanoma,awareness,prevention,screening>

Kids Given Photos of Sunburn Damage Covered Up Better.

"Showing middle-school students ultraviolet photographs that reveal the sun damage to their faces makes them less likely to get sunburns." Study by Dr. M.-F. Demierre of Boston Univ. April 22, 2009
<http://www.forbes.com/feeds/hscout/2009/04/23/hscout626330.html>

Teens Warned about Dangers of Sun Damage.

"The pictures captured the damage and the kids' attention." April 23, 2009
<http://www.thebostonchannel.com/asseenon5/19262951/detail.html>

Skin cancer: On the front lines.

Dr. Chung of Drexel University concerned with delayed diagnosis of skin cancer in African-Americans, Hispanics and Asians. April 23, 2009
http://www.philly.com/philly/health_and_science/cancer/20090423_Skin_cancer__On_the_frontlines.html

Skin cancer: Issues and statistics.

From Penn's Abramson Cancer Center: "We take the patient's tumor and then try to give them a cocktail of agents that is most appropriate for them." People at special risk for melanoma "should be especially diligent to examine their skin regularly for early signs of it." April 23, 2009
http://www.philly.com/philly/health_and_science/cancer/20090423_Skin_cancer__Issues_and_statistics.html

Skin cancer rates in the spotlight.

Dermatologist Dr. D. Hanson, president-elect of the World Medical Association, and other experts comment on reasons for the increase in skin cancer. Views of Canadian Dermatology Association and some Canadian tanning salons. April 28, 2009
<http://www.canada.com/health/Skin+cancer+rates+spotlight/1541733/story.html>

Skin care an essential part of personal health regimen

"We think that about 90% of the ageing of the skin is sun damage and only 10% is actual ageing," Dr. E. Murray, Univ. of Brit. Columbia. April 28, 2009
<http://www.canada.com/health/Skin+care+essential+part+personal+health+regimen/1541727/story.html>

What a waste of a tan!

More on the UK figures that "malignant melanoma has overtaken cancers of the cervix and breast in women aged 20-29 years." April 28, 2009
<http://www.onmedica.com/BlogView.aspx?blogid=89a34ca0-5ecb-4362-af6a-c96875cb4537&postid=e0e511f3-7ff8-41fa-9c99-38e8ca415b87>

Skin cancer data and risk

Men in south [of Ireland] have greater chance of surviving cancer [than in north of Ireland].

Only because of prostate cancer data. Trends from 1994-2004: "The rise in skin melanoma cases of 50pc over 10 years is a worry, making it the fastest rising preventable cancer." April 24, 2009
<http://www.independent.ie/health/latest-news/men-in-south-have-greater-chance-of-surviving-cancer-1718530.html>

Scots warned about using sunbeds as skin cancer rate soars.

"Health chiefs warned of a significant rise in the number of cases of malignant melanoma.... This represents a 50 per cent increase in skin cancer rates among men over the past decade and a 30 per cent rise among women." April 28, 2009
<http://www.telegraph.co.uk/news/newstoppers/politics/scotland/5236570/Scots-warned-about-using-sunbeds-as-skin-cancer-rate-soars.html>

Skin cancer above national average.

In North Devon. "The glamour model image of perma-tans has had a significant impact on Britain's women; with the deadliest form of skin cancer,

melanoma, becoming the most common kind of cancer for women in their 20s...." April 25, 2009
<http://www.thisisnorthdevon.co.uk/news/Skin-cancer-national-average/article-927616-detail/article.html>

Nail salons 'up risk of developing skin cancer.'

"Two women have developed tumors on their hands from high doses of UV light from the lamps used to set false nails, US doctors warned. One got cancer after visiting the salon just eight times in a year." April 28, 2009
http://www.metro.co.uk/news/article.html?Nail_salons_%91up_risk_of_developing_skin_cancer%92&in_article_id=638250&in_page_id=34

UV, ozone layer

Google CEO, Microsoft exec on Obama tech board.

The President's Council of Advisors on Science and Technology will include Dr. M. Molina who "received the Nobel Prize in Chemistry in 1995 for his role in elucidating the threat to the Earth's ozone layer of chlorofluorocarbon gases." April 27, 2009
http://news.cnet.com/8301-11386_3-10228173-76.html

Ozone Layer Faces Bumpy Return to Health.

Study mentioned earlier by Dr. F. Li et al. of NASA. "The study predicts a patchy future for the ozone layer, with some sections becoming even thicker than they were before bans on ozone-damaging chemicals kicked in. Other sections, meanwhile, may remain sparse." April 23, 2009
<http://dsc.discovery.com/news/2009/04/23/ozone-layer.html>

A scarier, colder vision of the climate change future.

As earlier articles said, sea ice in one large part of Antarctica is growing because of the hole in the ozone layer and the wind patterns this generates. Ice is not growing "because the planet is getting cooler. It's a localized effect, not a planet-wide phenomenon." As ozone depletion is repaired, ice will shrink. Article criticizes some global warming sceptics. April 24, 2009
<http://www.smh.com.au/opinion/a-scarier-colder-vision-of-the-climate-change-future-20090424-ahz4.html>

UNEP branch head gets US award.

R. Shende, head of OzonAction, UNEP, receives U.S. E.P.A. award. "My team at UNEP took off on stratospheric ozone protection, but we quickly realized we could help protect the climate too." April 24, 2009
<http://www.sakaaitimes.com/2009/04/24105422/UNEP-branch-head-gets-US-award.html>

Hill PHOENIX Receives 2009 EPA Ozone Layer Protection Award.

Designer and manufacturer of commercial refrigeration systems received "an Ozone Layer Protection Award in the corporate/government category from the U.S. Environmental Protection Agency...." April 23, 2009
<http://news.pnnewswire.com/DisplayReleaseContent.aspx?ACCT=104&STORY=/www/story/04-23-2009/0005011606&EDATE=>

Spending billions on a non-existent problem.

Article claims that concerns with CO2 are as misguided as concerns with CFCs. Argues the Montreal Protocol should not be a "template" for climate change treaties since it did nothing to "resolve the ozone hole" – it never existed in the first place. (But what about ozone depletion?) April 27, 2009
<http://canadafreepress.com/index.php/article/10605>

EIA: HFCs phase-out a matter of urgency.

"The Environmental Investigation Agency has called for the early phase-out of HFCs in defiance of industry efforts [in Europe] to prolong use of the refrigerant....As with previous ODS phase outs it would involve a gradual reduction in HFC usage and will not mean that HFCs are banned overnight." April 28, 2009
<http://www.hvnplus.co.uk/page.cfm?action=Archive/ArchiveID=2/EntryID=1344>

PPG's Carbon Emissions Fall, Ozone-depleting Emissions Rise.

PPG is maker of paints, chemicals, specialty materials, etc. concerned with being green. April 21, 2009
<http://www.environmentalleader.com/2009/04/21/ppgs-carbon-emissions-fall-ozone-depleting-emissions-rise/>

QMDI wins green event category at Middle East event awards 2009

April 29, 2009
<http://www.zawya.com/story.cfm/sidZAWYA20090429120705>

US: Methyl bromide's long goodbye.

Not completely phased out yet because it is so effective as a fumigant. April 27, 2009
http://www.freshplaza.com/news_detail.asp?id=42486

Rumours surrounding European EnSolv ban are false.

"There have been reports circulating recently stating that EnSolv is to be banned in Europe because of its ozone depletion potential (ODP)." Only the use of "the main constituent, n-Propyl Bromide (nPB), will ... be monitored...." April 24, 2009
<http://www.manufacturingtalk.com/news/enz/enz156.html>

Sepracor Reports Preliminary Phase III Study Results for OMNARIS(R) HFA Nasal Aerosol in Seasonal Allergic Rhinitis.

"If developed successfully and FDA approved, OMNARIS HFA could be the first nasal HFA for the treatment of allergic rhinitis...." April 27, 2009
http://www.marketwatch.com/news/story/sepracor-reports-preliminary-phase-iii/story.aspx?guid=%7B79C876A8-6558-4066-97C7-9E5DC6604DBB%7D&dist=msr_3

UV index

MyEnvironment: A New Map App from the Environmental Protection Agency.

"To modernize our online maps [EPA's], yesterday we released an updated system called MyEnvironment.... We also pull together health information that you can use including the daily UV index, daily ozone and particulate matter forecasts...." April 24, 2009
<http://www.resourceshelf.com/2009/04/24/myenvironment-a-new-map-app-from-the-environmental-protection-agency/>

UV and eyes

An Eye on a Healthy Summer.

"... I often notice people lathering up with sunscreen to stay protected from the sun. I also no longer see just as many people with sunglasses sitting on the top of their heads or no eye protection at all." April 26, 2009
http://www.healthnewsdigest.com/news/Guest_Columnist_710/An_Eye_on_a_Healthy_Summer.shtml

Daily Dose: Shady Stuff.

Finds that many sunglasses on display lack stickers saying "UV protection." What to do. April 28, 2009
<http://dailywd.womansday.com/blog/2009/04/daily-dose-shady-stuff.html>

General biomedical and cancer research

Obama makes \$10bn pledge to find cure for global killer 'in our time.'

"The US president has committed billions of dollars from the economic stimulus package.... Cancer Research UK is rolling out 20 centres of excellence across the country.... The main types in the sights of researchers are lung, prostate ... and skin cancer." April 25, 2009
<http://news.scotsman.com/health/Obama--makes--5206584.jp>

America opens new front in the war against cancer.

"America throws billions at bid to find cure and Britain launches a fresh attack on deadly tumors." Discusses why Nixon's pledge in 1971 to find cancer cures by 1976 failed; a survey of the real sources of improvements in death rates in the past. April 27, 2009
<http://www.independent.co.uk/life-style/health-and-wellbeing/health-news/america-opens-new-front-in-the-war-against-cancer-1673977.html>

TIP30 Inhibits Lung Cancer Metastasis, Study Suggests.

"Researchers in Shanghai, China suggest that TIP30 prevents metastatic progression of lung cancer.... TIP30 is a putative tumor suppressor with decreased expression in numerous cancers including melanoma...." April 26, 2009
<http://www.sciencedaily.com/releases/2009/04/090426082639.htm>

On new skin cancer research

International Melanoma Tissue Bank in the Works.

Aim at Melanoma, from merger of the Charlie Guild Melanoma Foundation and the James A. Schlipmann Melanoma Cancer Foundation, has special long-term goal: an international melanoma tissue bank, based on a consortium of institutions from several countries. Article describes collaboration of Aim at Melanoma with Dr. J. M. Kirkwood of Univ. of Pittsburgh and unique problems of developing a tumor tissue bank for researchers in melanoma. April 23, 2009
http://www.curetoday.com/index.cfm/fuseaction/article.show/id/2/article_id/1104

How An Antibody Helps The Immune System Reject Cancer.

"The reality ... is that the immune system rarely takes the bait that these [cancer] vaccines offer...." Dr. A. D. Cohen et al. at Fox Chase and Sloan-Kettering showed "that an engineered antibody called DTA-1 ... allows the immune system to overcome its natural reluctance to attack tumor cells...." April 27, 2009
<http://www.sciencedaily.com/releases/2009/04/090422121850.htm>

"Exciting" research into tackling skin cancer protein.

Dr. C. Springer et al. if ICR "claim to have developed new chemicals which target a key protein responsible for the growth of melanoma cells – BRAF. The chemicals, called pyridoimidazolones, block the activity of the mutated BRAF protein and thereby inhibit the growth of the cells." April 23, 2009
[http://www.inthenews.co.uk/news/health/entertainment/-exciting-research-into-tackling-skin-cancer-protein-\\$1290032.htm](http://www.inthenews.co.uk/news/health/entertainment/-exciting-research-into-tackling-skin-cancer-protein-$1290032.htm)

Barnstable grad conducts key cancer research.

D. Curley's Ph.D. dissertation "in which he developed mouse models of melanoma utilizing BRAF cancer cells and PTEN, a tumor-suppressing gene." April 28, 2009
http://www.barnstablepatriot.com/home2/index.php?option=com_content&task=view&id=17820&Itemid=152

Src, PKCalpha, and PKCdelta are required for alphavbeta3 integrin-mediated metastatic melanoma invasion.

April 28, 2009
http://7thspace.com/headlines/307970/src_pkcalpha_and_pkcdelta_are_required_for_alphavbeta3_integrin_mediated_metastatic_melanoma_invasion.html

Additional recent articles on skin cancer items listed in earlier roundups

Factors Identified Linked to Early Detection of Melanoma in Older Men.

The analysis by Susan Swetter and Alan Geller. "The goal of this multinational survey was to identify factors associated with detection of melanoma overall and to compare factors associated with detection of thinner vs thicker tumors in middle-aged and older men." April 27, 2009
<http://www.medscape.com/viewarticle/701951>

Factors Associated With Early Detection Of Melanoma In Older Men Identified.

Men who had thicker moles "were more likely to have less than a high school education, less likely to have a history of atypical nevi (moles) and their melanomas were more often discovered by the patient themselves or a friend or family member than by a physician. Overall, few patients were aware of melanoma warning signs...." April 27, 2009
<http://www.sciencedaily.com/releases/2009/04/090420170756.htm>

Know Your Back Story.

"Some cancer doctors are encouraging general practitioners to watch their patients' backs — literally — for early signs of melanoma..." A somewhat incomplete article, maybe. April 23, 2009
http://www.philly.com/philly/health_and_science/cancer/Clip_n_save_a_life-KNOW_YOUR_BACK_STORY.html

Light or Dark Hair, Melanoma Still a Risk.

Dr. P. Kanetsky. "Study Shows Genetic Variants Put Easy Tanners at Risk for Skin Cancer...." Involved are variants in the melanocortin-1 receptor (MC1R). April 22, 2009
<http://www.webmd.com/cancer/news/20090422/light-or-dark-hair-melanoma-still-a-risk>

Cryptic variation & melanoma risk.

April 22, 2009
http://scienceblogs.com/gnxp/2009/04/cryptic_variation_melanoma_risk.php?utm_source=sbhomepage&utm_medium=link&utm_content=channellink

Non-Clinical Factors Affect Rates of Sentinel Node Biopsy in Melanoma.

Johns Hopkins finding that non-clinical factors such as insurance and geographic region "influence the rate of sentinel lymph node biopsy (SLNB) in patients with clinically staged node-negative melanoma...." April 29, 2009
<http://www.cancerpage.com/news/article.asp?id=13360>

Teens, young adults focus of cancer study.

More on Canadian study of loss to society from early cancer and the special problems of youths who survive a cancer diagnosis. April 23, 2009
http://www.bclocalnews.com/okanagan_similkameen/vernonmorningstar/community/43651242.html

Tanning salons have special glow.

More discussion of study finding about density of indoor tanning salons vs. Starbucks and McDonalds. April 22, 2009
<http://www.news-journalonline.com/NewsJournalOnline/Business/Headlines/bizBIZ1042309.htm>

Skin cancer detection and treatment

Group Uses Facebook to Disseminate Skin Self-Exam Kit.

The American Society for Dermatologic Surgery has "posted a skin self-examination kit on its Facebook site, Almost 100%, which emphasizes that 'skin cancer is almost 100% curable with early detection.'" April 23, 2009
<http://www.medpagetoday.com/Dermatology/SkinCancer/13873>

Early-detection checklist: hers.

Starts with people in their 20s and 30s, recommends every three years an exam that includes skin cancer check-up. "Ask your doctor if there's anything in your health history or your family's that puts you at special risk for any type of cancer." For all ages, get to know your skin. April 23, 2009
http://www.philly.com/philly/health_and_science/cancer/EARLY-DETECTION_CHECKLIST_HERS.html

Early-detection checklist: his.

On skin cancer, in this article recommendations for men are similar to those for women. April 23, 2009
http://www.philly.com/philly/health_and_science/cancer/clip_n_save_EARLY-DETECTION_CHECKLIST_HIS.html

Topical Cream Studied As Way To Treat Skin Cancer Without The Knife.

"... Saint Louis University researchers found that imiquimod, a topical cream, produced good results for patients when used together with surgery to treat the cancer, potentially helping doctors cut less." For lentigo maligna. April 28, 2009
<http://www.sciencedaily.com/releases/2009/04/090428184817.htm>

Industry, economics

Curis Presents Preclinical Data for CU-903 at Keystone Symposia Event "PI3 Kinase Signaling in Disease."

Data showing "CU-903 inhibited HDAC [histone deacetylase] to induce the levels of tumor suppressors, as well as to simultaneously suppress the PI3K activity. CU-903 consistently displayed strong anti-proliferation effects in breast, colon, melanoma ... cancer cell lines." April 23, 2009
http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20090427005364&newsLang=en

Medarex Announces Presentations at Annual Meeting of the American Society of Clinical Oncology.

For May 30, will include clinical abstract, "Survival, Response, Safety and Biomarker Data of Ipilimumab in Melanoma." April 29, 2009
<http://sev.prnewswire.com/medical-pharmaceuticals/20090429/PH0716629042009-1.html>

Genta Updates Late-Stage Progress of its Phase 3 Trial of Genasense® in Advanced Melanoma.

April 29, 2009
http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20090429005174&newsLang=en

Onyx, Bayer: Nexavar Flunks Late-stage Melanoma Trial.

"... [T]he study would not meet the primary endpoint of improved overall survival among patients receiving Nexavar in combination with the chemotherapeutic agents -- carboplatin and paclitaxel compared to patients receiving placebo plus the chemotherapeutic agents." April 27, 2009
<http://www.rttnews.com/ArticleView.aspx?Id=924470&SMap=1>

BioAlliance Pharma Presents Results On Its New Biotherapy Plasmid AMEP™ For Metastatic Melanoma At The American Association For Cancer Research.

"Worldwide melanoma incidence is about 140 000 per year with a high frequency especially in Australia, North America and Europe." April 23, 2009
<http://www.medicalnewstoday.com/articles/147086.php>

Branford Drug Developer Reports \$1.5 Million Loss, To Release Cancer Drug Data.

"... CuraGen said it plans to report final results of a Phase II melanoma study involving the drug CR011 in late May or early June." April 24, 2009
http://www.courant.com/business/hc-drug-developer-data-0424.0.5402879_story

Provectus Abstract Titled "Chemoablation of Melanoma with Intralesional Rose Bengal (PV-10)" to be Presented at ASCO Scientific Program on June 1 in Orlando.

April 28, 2009
http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20090428005410&newsLang=en

Articles focused on individuals

Skin cancer: Survivor.

Sculptor C. Bronstein resumes her art, after abandoning it when diagnosed with melanoma. In the interim, "combining her talent as a designer with her passion for educating people about the risk of sun exposure, she launched Safe from the Sun Designer Clothing last May." April 22, 2009
http://www.philly.com/philly/health_and_science/cancer/20090423_Skin_cancer__Survivor.html

Fighting cancer, one snip at a time.

"As a seven-year skin cancer survivor who has seen the disease touch other facets of her life, Dubuc is eager to put her talents as a stylist to use to support the Relay, a 24-hour team walking event that honors cancer victims, survivors and patients...." April 24, 2009
<http://www.livingstondaily.com/article/20090424/NEWS01/904240310/-1/NEWSFRONT2>

Loveland Health Fair screenings can be early-detection vehicle.

A 63-year-old skin cancer survivor believes she is alive because of detection of cancerous mole at the health fair. April 26, 2009
http://www.reporterherald.com/news_story.asp?id=22804

Relay supports cancer research: Southern Portage event starts Friday at Ravenna Stadium.

Friday-Saturday at Ravenna Stadium. A participant had been diagnosed with stage 3 melanoma when 30 years old. "People think that if they tan, they're immune," she said. "People think if they have dark skin, they're immune. I always tell them that Bob Marley died of melanoma." April 29, 2009
<http://www.recordpub.com/news/article/4576575>

Carbondale fights cancer with Relay for Life.

A health care management intern from Ghana is impressed with support for cancer victims shown at Relay for Life at Carbondale Community High School. Her sign on shirt had words "Skin Cancer" crossed out. April 25, 2009
<http://www.southernillinoisan.com/articles/2009/04/25/local/28915732.txt>

'You inspire us with your strength, and we celebrate you.'

"3,000 participants raise money for cancer research. Cancer survivors take an honorary lap around the track during the national 25th anniversary of Relay for Life Saturday." A survivor was diagnosed with melanoma at age 15. April 27, 2009
<http://media.www.kentnewsnet.com/media/storage/paper867/news/2009/04/27/News/you-Inspire.Us.With.Your.Strength.And.We.Celebrate.You-3726967.shtml>

Joe Egan, 74, ran Parking Authority& other city agencies.

Of heart attack. "He was on the board of the Foundation for Melanoma Research, founded by his niece ... who later died of the disease." April 27, 2009
http://www.philly.com/philly/obituaries/20090427_Joe_Egan__74__ran_Parking_Authority__other_city_agencies.html

'It's been tough,' Callahan said of season battling illness.

Scheduled for surgery as part of his fight with melanoma. April 28, 2009
<http://www.jg-tc.com/articles/2009/04/28/sports/doc49f7297d8eea0884283482.txt>

Softball Lions hosting 'Strike out Cancer' event.

May 2. "The event will have a little extra meaning for Gahanna head coach Jim Campolo, who was diagnosed with melanoma last summer and has been undergoing treatment." April 27, 2009
http://www.snpnline.com/articles/2009/04/27/multiple_papers/sports/allghsoftb_20090427_0350pm_4.txt

Rugby heroes take bronze in battle to make us tan safely.

Not usual: "Welsh rugby players Andy Powell and Mike Phillips stripped off to get spray tans in Cardiff as part of a skin cancer awareness campaign. to raise awareness of Safe Tan Summer...." For British Skin Foundation. April 27, 2009
<http://www.walesonline.co.uk/news/wales-news/2009/04/27/rugby-heroes-take-bronze-in-battle-to-make-us-tan-safely-91466-23477672/>

Skin Cancer - the Reality of being a Fair-Skinned Sailor.

Dr. S. Horwitz is "sailing's skin doctor." Article writer will share Dr. Horwitz's advice in next few articles. April 22, 2009
<http://www.sail-world.com/USA/index.cfm?SEID=0&Nid=56050&SRCID=0&ntid=0&tickeruid=0&tickerCID=0>

Words for women to fight cancer by.

On Howard Rice, "the lone male" in the midst of a close group of female cancer survivors hat uses writing as therapy; his experience with skin cancer as teenager. April 29, 2009
http://www.philly.com/philly/entertainment/20090429_Words_for_women_to_fight_cancer_by.html

Vitamin D – benefits and sources

High Doses of Vitamin D Cut MS Relapses.

Study by Dr. J. Burton of Toronto: "Sixteen percent of 25 people with multiple sclerosis (MS) given an average of 14,000 international units (IU) of vitamin D a day for a year suffered relapses, ... In contrast, close to 40% of 24 MS patients who took an average of 1,000 IU a day -- the amount recommended by many MS specialists -- relapsed...." April 29, 2009
<http://www.webmd.com/multiple-sclerosis/news/20090428/high-doses-vitamin-d-cut-ms-relapses>

UK study: Vitamin D treats prostate cancer in some patients.

"The small study by Professor Jonathan Waxman in the UK shows that simple daily doses of vitamin D can reduce PSA level by up to 50% in some prostate cancer patients." April 27, 2009
<http://www.examiner.com/x-8543-SF-Health-News-Examiner-y2009m4d27-UK-study-Vitamin-D-treats-prostate-cancer-in-some-patients>

Vitamin D effective against prostate cancer.

Professor Waxman "said vitamin D therapy worked well. 'It's very interesting - there has been no significant trial of vitamin D. This is a treatment which is unlikely to have significant toxicity and is a welcome addition to the therapeutic options for patients with prostate cancer.'" April 27, 2009
<http://www.hc2d.co.uk/content.php?contentId=11150>

Low Vitamin D Linked to Severe Asthma.

Dr. J. Brehm et al. of Brigham and Women's Hospital "found that low vitamin D levels were associated with more asthma hospitalizations in the previous year.... The authors note that because vitamin D deficiency can also be seen in warmer climates with abundant sun exposure, other factors likely also play a role." April 23, 2009
<http://www.webmd.com/asthma/news/20090424/low-vitamin-d-linked-to-severe-asthma>

Vitamin D and BMD [bone mass density].

Swiss study. "Among both sexes, BMD increased stepwise and significantly with higher 25(OH)D concentrations." April 24, 2009
<http://www.naturalproductsinsider.com/hotnews/vitamin-d-and-bmd.html>

Human Lung Tumors Destroy Anti-cancer Hormone Vitamin D.

Dr. P. Hershberger: "We've discovered that lung cancer cells make an enzyme called CYP24, which counteracts the positive effects of Vitamin D." April 24, 2009
<http://www.sciencedaily.com/releases/2009/04/090420151223.htm>

Vitamin D Deficiency Related To Statin Use Could Cause Muscle Pain.

On a US study at the Cholesterol Centre, Jewish Hospital of Cincinnati, which also found that vitamin D therapy lessened pain. April 29, 2009
<http://www.thehealthierlife.co.uk/natural-health-articles/heart-disease/statin-drugs-vitamin-d-34568.html>

Finally, all dairy products to be fortified with Vitamin D [in Israel].

The reasons government decided to fortify with vitamin D all milk and milk products in the country, "a decision long awaited by public health experts...." April 27, 2009
<http://www.jpost.com/servlet/Satellite?cid=1239710805477&pagename=JPost%2FJPArticle%2FShowFull>

Who needs a supplement?

"If dairy foods are few and far between in your diet, a supplement of calcium and vitamin D is probably in order." April 29, 2009
http://www.montereyherald.com/food/ci_12252274

Tanning – UV and non-UV

How to protect your face from the sun.

"The elusive tan we crave to make us look healthy is actually the result of the appearance of damaged skin cells. These cells can develop into skin cancer 15 to 20 years after the original sun damage." April 24, 2009
http://women.timesonline.co.uk/tol/life_and_style/women/beauty/article6133633.ece

The top five fake tans.

April 26, 2009
http://women.timesonline.co.uk/tol/life_and_style/women/beauty/article6140647.ece

Sunscreen

'Misleading' ads for sunscreen taken off after ICA protest.

Israel Cancer Association succeeded in removing "a prime-time ad for a sunscreen product that ... falsely claims one application is effective all day.... The ICA explained that many people were not aware that sunscreens did not give 100 percent protection.... [They do] not allow people to lie in the hot sun in a minimal bathing suit and be protected from UV...." April 26, 2009
<http://www.jpost.com/servlet/Satellite?cid=1239710795082&pagename=JPost%2FJPArticle%2FShowFull>

Sunscreens and Sunscreen Testing.

A more technical discussion than usual of UV-rays and sunscreen and sunblock ingredients, from a testing laboratory. Lists all the FDA-approved active ingredients. April 27, 2009
<http://www.pharmaceuticalonline.com/article.mvc/Sunscreens-And-Sunscreen-Testing-0001?VNETCOOKIE=NO>

Seek protection from sun's rays.

How to find the "best sunscreen for you." Examine label for the "active ingredients." "Look for 'broad-spectrum,'" etc. Maybe some sunscreens already this summer will use the star ratings for UVA (?) April 25, 2009
<http://www.ajc.com/services/content/printedition/2009/04/26/housekeep0426sbeze.html>

Garnier Ambre Solaire and National Schools Partnership encourage kids to "Wrap, Splat, Hat" this Summer.

"National Schools Partnership, the UK's leading school partnership marketing specialist, and Garnier Ambre Solaire, the number one kids sun care brand", are launching a major campaign" aimed at 5000 Primary Schools in the UK and 300 schools in Ireland." Sun safety. April 27, 2009
<http://www.creativematch.co.uk/viewNews/?97142>

Find the best inexpensive sunscreens and moisturizers.

Despite economic downturn, don't economize on health and "skin protection is vital to good health." April 27, 2009
http://www.dallasnews.com/sharedcontent/dws/fea/lifetravel/stories/DN-nh_skincare_0428gd.State.Edition1.23e2a55.html

The Dangers Behind Flip Flops.

Podiatrist assesses flip flops as generally not providing foot protection. "I'm constantly amazed how often people forget to apply sunscreen to their feet.... I cannot emphasize enough that feet are typically not a sun exposed area and prolonged unprotected sun exposure presents a risk for developing skin cancers...." April 26, 2009
http://www.healthnewsdigest.com/news/Guest_Columnist_710/The_Dangers_Behind_Flip_Flops.shtml

Other protective products

Make hats compulsory in high school: WA [Western Australia] Cancer Council.

SunSmart "is calling for an extension of primary school policy before another summer hits WA secondary schools." April 25, 2009
<http://www.news.com.au/perthnow/story/0,21598,25384981-2761,00.html>

Hat push for secondary schools as skin cancer rates rise.

"Parents want secondary schools to introduce mandatory wide-brimmed hats, despite protests from their children that they are unfashionable." April 25, 2009
<http://www.news.com.au/heraldsun/story/0,27574,25384672-2862,00.html>

Special skin-cancer related events

Local Gym to Hold "Biggest Loser" Contest.

In Garden City. The entry fee to contest is a donation to The Mollie Biggane Melanoma Foundation. For more information visit www.molliesfund.org. Contest begins May 1; through June 30. April 23, 2009
<http://www.gcnnews.com/news/2009/0424/Community/016.html>

Relay for Life in BC this weekend.

Orange County Relay for Life May 1-2 honors cancer survivors, including a melanoma survivor, Bridge City HS Football Stadium. April 27, 2009
http://therecordlive.com/article/Hometown_News/People_and_Places/Relay_for_Life_in_BC_this_weekend/53284

Cancer Coalition plans screenings.

"The Burlington County Cancer Coalition will sponsor free derma-skans, sunscreen and UV detecting bracelets on two days this month to promote skin cancer awareness." May 4 and May 21. Article notes that county melanoma mortality rates higher than state averages. April 27, 2009
<http://www.courierpostonline.com/article/20090427/NEWS01/904270338/1006/news01>

Ithaca Dermatology Offering Free Skin Cancer Screenings.

"Ithaca Dermatology Mobile Mole Patrol will be offering free skin cancer screenings here in Ithaca as well as in Elmira" - at the Shops at Ithaca Mall on May 2 and at the Arnot Mall in Horseheads May 4. April 22, 2009
<http://wvbr.com/news/592>

It's time to check your spots.

"The Mercy Regional Cancer Center invites you to attend a free Skin Cancer Screening," May 13, at St. Joseph Mercy Hospital. April 27, 2009
<http://www.thetimesherald.com/article/20090427/NEWS05/90427019/1002/NEWS01>

Community briefs. Fourth item. Skin cancer screenings.

Dr. Kenzo Sato of Dubuque Dermatology will hold a free skin cancer screening May 13 at The Finley Hospital's Wendt Center. April 27, 2009
<http://www.thonline.com/article.cfm?id=241374>

Irish Cancer Society urges sun awareness.

Lecture May 14 to mark Melanoma Awareness Month. "It is being organized by La Roche-Posay and supported by the Irish Cancer Society. Topics include 'Melanoma Awareness in Ireland: Early Detection Saves Lives' and 'Prevention, Detection and Treatment'." April 28, 2009
http://www.imt.ie/news/2009/04/irish_cancer_society_urges_sun.html

Top things to do in Fort Collins: A three-day planner.

Friday. Mentions "Rayz Awareness of Melanoma, a 4K run/walk ... at Blevins Junior High School...." Proceeds benefit the Bill Walter III Melanoma Research Fund. April 24, 2009
<http://www.coloradoan.com/article/20090424/UPDATES01/90424009>

RFL [Relay for Life] teams take on cancer fight.

"Cooper County [MO] will be missing Veronica Sekeinski-Smith at this year's Relay for Life for event. Sekeinski-Smith, who suffered from a very rare form of melanoma, spoke at last year's event about the strength needed to fight cancer." April 23, 2009
<http://www.boonvilledailynews.com/news/x1092980945/RFL-teams-take-on-cancer-fight>

Mission Hospital offers free skin cancer screening today.

Mission Hospital Cancer Services will offer a free skin cancer screening April 25 at Asheville Mall. April 25, 2009

<http://www.citizen-times.com/apps/pbcs.dll/article?AID=200990424127>

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Ilona Melstrade](#)
To:
Bcc: [Drew La Hufford](#)
Subject: SunWise News Roundup April 30, 2008
Date: 04/30/2008 02:05 PM



Skin cancer prevention / awareness: events

Legal and governmental issues

Darque Tan ads elicit complaint from law student.

"Darque Tan advertises that UVB rays from tanning turn cholesterol into Vitamin D." Student who files complaint worries ads "do not warn viewers of potential health risks associated with tanning." Texas health official "said that a tanning salon is considered to be used for cosmetic purposes and that such businesses cannot legally make a health claim, real or imagined." Others say this prohibits free speech. April 30, 2008
<http://media.www.dailytexanonline.com/media/storage/paper410/news/2008/04/30/TopStories/Darque.Tan.Ads.Elicit.Complaint.From.Law.Student-3357675.shtml>

Ad in USA TODAY Touts Benefits of Moderate UV Exposure.

"The positive effects of getting vitamin D from sunlight are clear. So soak up a little sunlight--indoors or out--a couple of times each week, and get your recommended dose of the 'sunshine vitamin.'" Another major ad from the Indoor Tanning Industry. April 30, 2008
<http://www.earthtimes.org/articles/show/ad-in-usa-today-touts-benefits-of-moderate-uv-exposure,373668.shtml>

Legislation [MI] would shine light on tanning danger. Editorial.

Editorial is in favor of the legislation. "The proposal would require parental consent for anyone younger than 18, larger warning signs in tanning facilities listing potential health consequences, a signed informed consent from for all customers and licensing by the state." April 25, 2008
http://www.theoaklandpress.com/stories/042508/opi_20080425273.shtml

Government [UK] urged to spend more on skin cancer prevention.

"Up to 2,000 skin cancer deaths annually could be avoided with greater government investment in public health education and skin cancer services." UK spends £100,000 for skin cancer prevention but £100,000,000 for cervical cancer prevention -- with 1,000 deaths from cervical cancer. April 28, 2008
<http://www.nursingpractice.com/default.asp?title=Governmenturgedtospendmoreonskincancerprevention&page=article&article.id=10476>

Educational and fund-raising events

The Schill's wife visits Bowman.

Founder of the SHADE Foundation of America "will teach sun safety to students and present a SHADE Foundation Grant to Bowman Elementary." May 5. "Lexington Public Schools won this grant for integrating sun safety into its science curriculum." April 28, 2008
<http://www.wickedlocal.com/lexington/news/education/x1611214957>

Central athletes receive sunscreen donation.

"Hinsdale Central athletes will be among several DuPage County high-school students who will get extra protection from the sun this spring thanks to a donation of about 1,500 bottles of sunscreen from the Jack H. Marston II Melanoma Fund." To raise awareness of skin cancer among teens. April 24, 2008
<http://www.pioneerlocal.com/clarendonhills/sports/highschools/911514.ch-sunscreen-042408-s1.article>

World Skin Cancer Foundation's Inaugural Celebrity Softball Game.

"A full lineup of entertainment, sports and media celebrities will join forces to build awareness and funds for the World Skin Cancer Foundation at the inaugural Celebrity Softball Game at Space Coast Stadium," May 3. April 24, 2008
<http://www.wftv.com/events/15982240/detail.html>

Dewey [Beach] rallies around melanoma awareness.

"The untimely death of one of the town's regular visitors" has prompted town officials to recognize May as 'Melanoma Awareness Month' Mrs. McCullough "organized the annual Melanoma KENTucky Derby fundraiser at North Beach." Raised more than \$100,000. April 30, 2008
<http://www.delmarvanow.com/apps/pbcs.dll/article?AID=/20080430/DW13/804300320/-1/DW>

Skin cancer awareness

Skin Examinations Remain Standard of Care for Early Diagnosis of Melanoma.

American Cancer Society established a national registry for skin screening "to provide evidence that screening for skin cancer, particularly in individuals who are at a high-risk for developing melanoma, will decrease the risk of death in these patients." April 28, 2008
<http://patient.cancerconsultants.com/CancerNews.aspx?DocumentId=41915&Keywords=cancer,news,information,treatment,melanoma,skin%20cancer,skin%20exams,screening,prevention>

May Is National Skin Cancer Awareness Month.

ACS estimates that "over 1 million Americans develop non-melanoma (basal cell or squamous cell) cancers annually. Melanoma is expected to be diagnosed in more than 60,000 people in 2008. The ACS also estimates that 11,200 deaths will occur in 2008." April 28, 2008
<http://patient.cancerconsultants.com/CancerNews.aspx?DocumentId=41912&Keywords=cancer,news,information,treatment,skin%20cancer,melanoma,prevention>

Skin Cancer: One In Every Two Americans Will Get It.

"The Colorado Department of Health and Environment reports melanoma rates are nearly 40 percent higher than the national rate for Colorado men, and nearly 50 percent higher for women." Notes a free screening by dermatologists. April 24, 2008
<http://www.kktv.com/news/headlines/18117954.html>

Skin cancer screening May 3 at Hulston center.

"The American Cancer Society recommends having your skin examined by a physician every three years between ages 20 and 40, and annually for people over 40." April 23, 2008
<http://www.news-leader.com/apps/pbcs.dll/article?AID=/20080423/BREAKING07/80423015>

My cancer trauma.

A fake tan specialist in UK diagnosed with skin cancer after 14 years of no sunbed use is speaking to raise awareness of the disease. "We need to take the lead from Australia and be more aware." April 26, 2008
<http://www.helensburghadvertiser.co.uk/articles/1/23194>

Skin cancer data and risk

Melanoma awareness month.

May 5 "sees the launch of Melanoma Awareness Month in Ireland." Ireland has the highest incidence of skin cancer per head of population in Europe." April 30, 2008
<http://www.irishhealth.com/?level=4&id=13491>

Rates of Melanoma Continue to Increase.

April 28, 2008
<http://patient.cancerconsultants.com/CancerNews.aspx?DocumentId=41914&Keywords=cancer,news,information,treatment,melanoma,skin%20cancer,screening,prevention>

The Promise of Genetics is Transforming Dermatology.

Claims that "dermaDNA" is the "first and only skincare assessment that is able to measure existing DNA damage in the skin due to UV exposure and provide a true evaluation of skin's genetic UV risk factor." April 29, 2008
<http://www.newswire.ca/en/releases/archive/April2008/29/c9737.html>

UV and ozone layer

Avoid ozone depletion, use alternative products, EMB [in Philippine government] warns.

Reviews ozone chemistry. "When ozone depletion allows the entry of UV-B its tremendous effects among human beings are skin cancers, cataracts, weakened immune system." April 27, 2008
<http://www.pia.gov.ph/?m=12&f=p080428.htm&no=03>

The Sensitivity of Polar Ozone Depletion to Proposed Geoengineering Schemes.

Injection of sulfur into the stratosphere has been suggested as a way to counteract global warming. S. Tilmes et al. of Nat. Center for Atmospheric Research find that "An injection of sulfur large enough to compensate surface warming due to the doubling of CO₂ would cause a drastic increase in the extent of Arctic ozone depletion and delay in the expected recovery of the Antarctic ozone hole." April 24, 2008
<http://highwire.stanford.edu/cgi/medline/pmid;18436741>

'Planetary sunshade' could strip ozone layer by 76%

In addition to above study, mentions that "According to NASA, a 1% decrease in the ozone layer can cause an estimated 2% increase in UV-B irradiation, leading to a 4% increase in basal carcinomas ." April 24, 2008
<http://environment.newscientist.com/article/dn13773-planetary-sunshade-could-strip-ozone-layer-by-76.html>

Earth-cooling aerosols would eat up ozone layer.

April 24, 2008
<http://www.dailycamera.com/news/2008/apr/25/earth-cooling-aerosols-would-eat-up-ozone-layer/>

Sunstein delivers Earth Week keynote address.

"The Montreal Protocol succeeded fantastically ... because it was a great bargain," a Univ. of Chicago professor. April 25, 2008
http://maroon.uchicago.edu/online_edition/article/10267

Ozone hole recovery might accelerate melting of Antarctic ice.

J. Perlwitz's study: " [A]s the ozone hole heals, wind patterns that shield the interior of the polar region from warm air may break down, causing warming in the Antarctica ." April 30, 2008
http://www.thaindian.com/newsportal/lifestyle/ozone-hole-recovery-might-accelerate-melting-of-antarctic-ice_10043606.html

Shrink the ozone hole; warm the Antarctic.

"Healing the ozone hole over Antarctica will likely cause the center of the continent to warm back up ." April 24, 2008
<http://www.dailycamera.com/news/2008/apr/25/shrink-the-ozone-hole-warm-the-antarctic/>

India largest source of smuggled CFCs.

April 26, 2008
http://timesofindia.indiatimes.com/India_largest_source_of_smuggled_CFCs_/articleshow/2987083.cms

UV index, alert

UV ALERT FOR SUNBURNS, SKIN CANCER, CATARACTS!

Australian in California on Earth Day gets sunburned - missed her usual UV Alert. Found a website in the US. April 30, 2008
http://www.opednews.com/articles/life_a_linda_sc_080427_uv_alert_for_sunburn.htm

UV and eyes

Tanning and Excessive Sun Exposure Can Cause Severe Damage to Eyes.

From Prevent Blindness America. "Children are also susceptible to UV damage and should be encouraged to wear UV-blocking eyewear for all daytime outdoor adventures, specifically between the hours of 10 a.m. and 3 p.m. ." April 30, 2008
<http://www.earthtimes.org/articles/show/tanning-and-excessive-sun-exposure-can-cause-severe-damage-to-eyes,373458.shtml>

Driving Glasses 2008.

April 28, 2008
<http://www.auto123.com/en/news/car-news/driving-glasses-2008?artid=96570>

Ask LaMont: Contact lenses can block UV rays.

April 27, 2008
<http://www.post-gazette.com/pg/08119/877133-51.stm>

On new skin cancer research

The gene expression profiles of primary and metastatic melanoma yields a transition point of tumor progression and metastasis.

Study identified "several genes that may be centrally involved in the progression and metastatic potential of melanoma." A. I. Riker, S. A. Enkemann, O. Fodstad et al. April 28, 2008
http://7thspace.com/headlines/279903/the_gene_expression_profiles_of_primary_and_metastatic_melanoma_yields_a_transition_point_of_tumor_progression_and_metastasis.html

Transcription analysis in the MeLiM swine model identifies RACK1 as a potential marker of malignancy for human melanocytic proliferation.

"...RACK1 can be a potential marker of malignancy in human melanoma. The MeLiM strain provides a relevant model for exploring mechanisms of melanocytic malignant transformation in humans." G. Egidy et al. in *Molecular Cancer* 2008. April 28, 2008
http://7thspace.com/headlines/279849/transcription_analysis_in_the_melim_swine_model_identifies Rack1_as_a_potential_marker_of_malignancy_for_human_melanocytic_proliferation.html

Additional recent articles on previously-listed skin cancer items

The Most Deadly Forms of Melanoma.

Dr. Thomas's study. Is scalp and neck skin cancer more lethal because it's diagnosed later? "But the study points to the presence of the melanoma on the scalp or neck, in itself, as an indicator of a poorer prognosis." April 26, 2006
http://www.cbsnews.com/stories/2008/04/26/earlyshow/health/main4048030.shtml?source=mostpop_story

The Most Deadly Forms of Melanoma.

"Study: t kills at almost twice the rate when showing up on scalp or neck. April 26, 2008
http://www.cbsnews.com/stories/2008/04/26/earlyshow/health/main4048030.shtml?source=mostpop_story

Some People More Susceptible to Certain Types of Cancer.

More on the Muir-Torre syndrome and greater risk of developing certain skin, colon and endometrial cancers. "In a recent study, doctors found six out of 10 patients with colorectal cancer actually had skin cancer first, often years earlier. And so that's potentially 60 percent of colorectal cancers that could have been prevented through high-risk cancer screening ." April 25, 2008
<http://www.thepittsburghchannel.com/health/15995795/detail.html>

Moles and melanoma.

Dr. M. Green's study of IGFBP7 "that causes the pigment-containing skin cells to shut down and stop reproducing." Also on Dr. F. S. Hodi's study of Gleevec, "previously thought to be ineffective against melanoma," found to reverse melanomas containing a "genetic mutation in a gene called KIT ." April 25, 2008
<http://www.latimes.com/features/health/la-he-moles28apr28,1,7503460.story>

Gleevec® May Be Effective for KIT-Mutated Melanoma.

April 29, 2008
http://professional.cancerconsultants.com/oncology_main_news.aspx?id=41922

Stem Cells Could Help Stop Melanoma, Breast Cancer.

Northwestern Univ. studies described in very general terms. April 28, 2008
http://www.cfnw13.com/Health/YourHealth/2008/4/27/stem_cells_could_help_stop_melanoma_breast_cancer.html

Lip Balms and Glosses May Boost Skin Cancer Risks.

"Shiny balms and glosses don't offer protection. Instead, they attract the sun's rays to the lips." April 26, 2008
<http://www.washingtonpost.com/wp-dyn/content/article/2008/04/26/AR2008042601067.html>

Lip Balm Bends Light, Defies Laws of Physics, Announces Washington Post.

A writer who believes sunscreen causes cancer tries to make fun of articles on need for sun protection for lips. April 28, 2008
<http://www.naturalnews.com/023122.html>

Tomato dishes 'may protect skin.'

Antioxidant lycopene – helpful – but not replacement for sunscreen. April 29, 2008
<http://news.bbc.co.uk/2/hi/health/7370759.stm>

Skin cancer detection and treatment

Monitor your moles for potentially dangerous signs.

"The ugly-duckling approach is based on the fact that most people have stereotypical mole patterns . Any mole that looks different from the others should be examined by a dermatologist." April 25, 2008
http://www.latimes.com/features/health/a-he-moleside28apr28,1,5228184_story

GPs blame NICE guidance for skin cancer surgery waits.

Guidelines in England that require referral to dermatology specialists result in "dermatology clinics being swamped with extra patients." April 24, 2008
<http://www.healthcarepublic.com/news/PracticeStaff/LatestNews/804462/GPs-blame-NICE-guidance-skin-cancer-surgery-waits/>

New Treatment Offers Hope for Beating Aggressive Cancers.

"With an 89% initial success rate in arresting or eradicating some of the most aggressive cancers, a Nashville-based treatment is being offered to the public for the first time." A patent-pending kind of thing; the clinic website claims that clinical trials have been ongoing since 2000. April 29, 2008
<http://sev.prnewswire.com/medical-pharmaceuticals/20080429/CLTU02029042008-1.html>

Industry

Will Synta Break A 30-Year Old Record? (Part II)

Discusses history of the trials of elesclomol and its market prospects if the current one succeeds.
http://seekingalpha.com/article/74898-will-synta-break-a-30-year-old-record-part-ii?source=side_bar_long_ideas

Delcath Expands Phase III Trial for Metastatic Melanoma to Include University of Maryland Medical Center.

Study "of the Company's Percutaneous Hepatic Perfusion (PHP) System for the isolated, high dose delivery of the anti-cancer agent melphalan to treat inoperable metastatic melanoma in the liver." April 25, 2008
<http://sev.prnewswire.com/medical-pharmaceuticals/20080425/NYF04225042008-1.html>

Medarex/Bristol-Myers: another setback in melanoma.

"Following a request by the FDA for additional survival data, Medarex and Bristol-Myers will have to delay ipilimumab's regulatory submission ." April 28, 2008
<http://www.tradingmarkets.com/site/news/Stock%20News/1451407/>

Articles focused on individuals

FDR Might Have Had Melanoma.

A new study of the issue is suggestive, not definitive. "Here's a man who is one of the most photographed men in the world, walking around in public daily with something that looks like a melanoma on his face. And no one says a word. Because going back to the 1930s and '40s, no one knew what it was." Could have been non-malignant. April 25, 2008
<http://health.usnews.com/usnews/health/healthday/080425/fdr-might-have-had-melanoma.htm>

Preserving a Robbinsdale soldier's memory.

"A foundation and run are named for Chip Edstrom, who died of melanoma," aged 21. Launching May 10 – perhaps with the National Guard. April 29, 2008
<http://www.startribune.com/local/west/18314759.html>

A light went off. Kelli Pedroia takes her anti-tanning message to teens.

Story of a young tanner who continued to tan even after melanoma diagnosis; now works with the Melanoma Foundation of New England. Also participates in Major League Baseball's campaign, "Play Smart When It Comes to the Sun." The Foundation seeks legislation banning children under 16 from tanning salons. April 29, 2008
http://www.boston.com/lifestyle/articles/2008/04/29/a_light_went_off/

Cancer survivor recalls battle.

"Relay for Life will be held in Lincoln on May 17." Story of a PE teacher's diagnosis of melanoma. April 28, 2008
<http://www.lincolnnewsmessenger.com/detail/82602.html>

Rochester woman survives skin cancer: Doctor, patient highlight sun's dangers.

"Removing the mole and the surrounding area left a 9-inch gash on her leg requiring 22 stitches. The affected lymph node had to be removed in another surgery, and she began 12 weeks of chemotherapy injections ." May screenings at local hospitals noted. April 27, 2008
http://www.fox8.com/apps/pbcs.dll/article?AID=20080427/GJNEWS_01/185132926/-1/FOSNEWS

2008 "Jenni's Walk of Hope" Raises More Than \$20,000 for Melanoma Cancer Research.

"Jenni's Walk of Hope" ... continued its tradition as a popular and successful fund-raiser for skin cancer research by raising more than \$20,000 for the American Cancer Society." Jenni participated in experimental therapies; died at 34. April 29, 2008
http://triad.businessnews.com/shownews.php?newsid=157114&type_news=latest

Cancer benefit to boost Richland Co. sheriff's officer.

"Fortunately for Shook [44], his wife Kim noticed a change in a mole on his back last fall. ... Shook has undergone two surgeries for melanoma." April 28, 2008
<http://www.mansfieldnewsjournal.com/apps/pbcs.dll/article?AID=20080428/UPDATES01/80428028>

Friends, family show support for Bob Emrich.

61-year old man has struggled with melanoma for 2 years. Recently cheered by 450 friends attending a fundraiser for him. April 26, 2008
<http://www.centralohio.com/apps/pbcs.dll/article?AID=BB/20080426/NEWS01/804260302/1002>

Erin Andrews likes a man who fears melanoma.

April 23, 2008
<http://deadspin.com/383058/erin-andrews-likes-a-man-who-fears-melanoma>

Embracing pain.

References to Buddhist teachings; a case of a skin cancer remission. "Accepting pain does not mean one does nothing about it. Instead, we should reach out for any appropriate means to heal the pain, while keeping our mind at peace." April 26, 2008
http://www.bangkokpost.com/Outlook/27Apr2008_out001.php

Vitamin D – benefits and sources

A Too-Good-to-Be-True Nutrient?

"Imagine a nutrient that could help prevent cancer, heart disease and tuberculosis, preserve bones, and thwart autoimmune diseases such as multiple sclerosis, rheumatoid arthritis and juvenile diabetes. Sounds too good to be true, doesn't it?" But writer tends to accept claims. NIH's Dr. Picciano cautions that "the data are still preliminary and not a level where you would make public policy ." April 29, 2008
<http://www.washingtonpost.com/wp-dyn/content/story/2008/04/28/ST2008042801462.html>

Sun lamps help unborn babies beat osteoporosis.

"Women due to give birth in winter should use a sun lamp during the final three months of pregnancy to protect their child from osteoporosis ." The lamps recommended here are not tanning beds or tanning lamps. April 27, 2008
http://www.timesonline.co.uk/tol/life_and_style/health/article3822532.ece

Exposure to Sun May Help Ward Off Arthritis.

The Arthritic Association "states that supplementation [of vitamin D] alone is not the answer." Easy to overdose on supplements. "[M]oderate exposure to sunlight is better – for example, earlier or later in the day, for short periods of time." April 29, 2008
<http://www.pressdispensary.co.uk/releases/c991714.php>

Vitamin D and the Diabetic Patient.

April 28, 2008
<http://www.medscape.com/viewarticle/573383>

Your health. Vitamin therapy. She wants to know: Is this dose of D too much?

April 29, 2008
<http://www.orlandosentinel.com/features/health/orl-08apr29,0,198917.story>

D-Feat Breast Cancer' drive created to support vitamin D cancer research.

"D-Feat Breast Cancer' is being supported in the month of May by patrons of the indoor tanning community across North America. Indoor tanners are being asked to donate \$1 to \$5 to support vitamin D breast cancer research." April 25, 2008
http://www.thekansan.com/stories/042508/letters_20080425030.shtml

Tanning – UV and non-UV

A history of tanning.

Coco Chanel "may have turned tanned skin into a fashion statement, but sunbathing and tanning had been practised and talked about for a good 30 years before ." April 25, 2008
http://www.timesonline.co.uk/to/life_and_style/health/article3814579.ece

Tanning Beds Pose Skin Cancer Risks.

"Researchers from Mount Sinai School of Medicine presented an overview of tanning bed use at the 2008 annual meeting of the [AAD] .[T]he increased risks of skin cancer associated with exposure to tanning beds outweigh their potential positive effects of stimulating vitamin D synthesis." April 28, 2008
<http://patient.cancerconsultants.com/CancerNews.aspx?DocumentId=41916&Keywords=cancer,news,information,treatment,skin%20cancer,melanoma,tanning%20beds,UV%20exposure>.

TALK BACKS: Indoor Tanning Dangers.

Give your views. April 29, 2008
<http://www.kspr.com/news/local/18381909.html>

First Miss Indoor Tanning Contest Set at Banbu Restaurant Baywalk St. Pete - A Benefit for Academy Prep School of St. Petersburg.

Sponsors or participants include a lotions company and tanning salons. April 30, 2008
<http://www.prweb.com/releases/2008/04/prweb899214.htm>

How The Skin Reacts To Ultraviolet Light.

A very limited set of facts from the tanning industry. April 28, 2008
<http://www.lookingfit.com/articles/fb08a45.html>

Celebrate Tanning, Celebrate Your Industry.

From the tanning industry's website. "Tanning is a lifestyle. The past few years have been difficult ones economically, so salon owners and operators need to be smart about marketing their businesses." April 28, 2008
<http://www.lookingfit.com/articles/fb08a0.html>

2008-09 Fact Book: The State of The Industry Report.

Consolidation, more anti-tanning legislation. TAN Act passage shows there is "a very powerful national lobby whose goal is to first ban teens from tanning ." Says the industry's UV Foundation is funding major studies that "will lend credibility to the benefits of tanning." April 28, 2008
<http://www.lookingfit.com/articles/fb08a3.html>

Canadians underexposed to sunlight!

Claims Canadians suffer from vitamin D deficiency; that "Canadian public health messaging has resulted in the demonization of sunlight." Proposed "solution": go to tanning salon! April 25, 2008
<http://network.nationalpost.com/np/blogs/posted/archive/2008/04/25/press-release-of-the-day-canadians-underexposed-to-sunlight.aspx>

Good news for skin cancer prevention – suntans might be going out of fashion – 65% of teenagers brand suntans chavvy.'

"t seems that endless images of over-tanned celebrities are beginning to be a turn-off for many teens, but more education on behaving responsibly during the hot summer months - both in the UK and abroad - is desperately needed." April 30, 2008
http://www.responsesource.com/releases/re_display.php?reid=38584&hlite=

Wellness and fitness merging more and more.

Since 2000, the number of indoor tanning salons in Germany has decreased by more than 50%. April 27, 2008
http://news.monstersandcritics.com/health/news/article_1402188.php/Wellness_and_fitness_merging_more_and_more

Bronze have more fun.

With non-UV tanning, need "meticulous application." April 25, 2008
http://women.timesonline.co.uk/to/life_and_style/women/beauty/article3778983.ece

Sunscreen

Here Comes the Sun.

Some "sunscreen technologies;" also protective clothing. April 24, 2008
<http://www.wrightsvillebeachmagazine.com/article.asp?aid=351&iid=52&sud=27>

Arizona Spas and Resorts Introduce Sunscreen With Critical Wavelength, Providing the Best UVA Sun Protection Available.

Claims Dr. Gruber's LUCA Sunscreen is "better at blocking UVA radiation than other sunscreens sold in the U.S." April 28, 2008
<http://www.earthtimes.org/articles/show/arizona-spas-and-resorts-introduce,369168.shtml>

Other protective products

Columbia Sportswear: Good buy guide

Recently launched "Omni-Shade, a new line of sun-protective clothing, in partnership with the Skin Cancer Foundation (www.skincancer.org)." April 28, 2008
<http://www.telegraph.co.uk/travel/1904231/Columbia-Sportswear-Good-buy-guide.html>

UK. Gill adds UV protection hats to Technical Apparel range.

2 high UV-protection hats: the Gill Technical Sailing Cap and the Wide Brimmed Hat. April 25, 2008
<http://www.bymnews.com/news/newsDetails.php?id=25594>

Special skin-cancer related events

Sunsmart Sprint battles melanoma.

Sunsmart Sprint "is a 5K run/walk taking place May 3 at Crandon Park. Robert Kirsner ... of the Miller School's Department of Dermatology and Cutaneous Surgery, said the main purpose of the walk is to show people that they can be active outside in the sun and still be safe." April 24, 2008
<http://media.www.thehurricaneonline.com/media/storage/paper479/news/2008/04/24/News/Sunsmart.Sprint.Battles.Melanoma-3347237.shtml>

Cancer screenings offered.

A free skin cancer screening clinic May 3 at Cabell Huntington Hospital. April 27, 2008
<http://www.herald-dispatch.com/homepage/x1657954675>

Miles for Melanoma helps fight skin cancer.

Sixth Miles for Melanoma 5K Walk will be on May 10 at Augustana College in Rock Island. "The walk honors Deb Sandry who died of melanoma at the age of 40." April 29, 2008
<http://www.qctimes.com/articles/2008/04/29/features/health/doc4810de55b5c69773816524.txt>

Screenings for skin cancer offered in May.

Lakeland Regional Medical Center. April 30, 2008
<http://www.southbendtribune.com/apps/pbcs.dll/article?A=D=20080429/Lives/100279170/1050/Lives>

La Crosse Area Doctors Hold Free Skin Cancer Screening.

" [D]ermatologists from Gundersen Lutheran, Franciscan Skemp and the Winona Clinic will offer free skin cancer screenings Saturday, April 26." April 24, 2008
<http://wkbt.com/Global/story.asp?S=8223517>

Miscellaneous

Alert

Table of Contents for future issue: May 1 2008 issue of Pediatrics to appear tomorrow.

J. W. Kyle, J. K. Hammitt, H. W. Lim, A. C. Geller, L. Hall-Jordan, E. W. Maibach, E. C. De Fabo, M. C. Wagner
"Economic Evaluation of the US Environmental Protection Agency's SunWise Program: Sun Protection Education for Young Children." April 29, 2008
<http://pediatrics.aappublications.org/future/121.5.shtml>

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Iona Melstrads (sunwise@epa.gov).

From: [Ilona Melstrads](#)
To:
Bcc: [Drusilla Hufford](#)
Subject: SunWise News Roundup August 15, 2007
Date: 08/15/2007 02:10 PM



News Roundup Wednesday August 15, 2007

Skin cancer prevention / awareness: events

Reducing ultraviolet radiation exposure among outdoor workers: State of the evidence and recommendations.

"Outdoor workers have high levels of exposure to ultraviolet radiation and the associated increased risk of skin cancer.Reports of interventions to promote sun-safe practices and environments provide encouraging results, but yield insufficient evidence to recommend current strategies as effective." Covers studies in US, Australia, Canada, Europe. Abstract. August 8, 2007

<http://www.ehjournal.net/content/6/1/22>

Reducing ultraviolet radiation exposure among outdoor workers: State of the evidence and recommendations.

K. Glanz et al. in *Environmental Health*. Full article in pdf. Says between 1975 and 2004 incidence rate of melanoma nearly tripled - from 6.8 to 18.5 cases per 100,000. Deaths rose 60%. About 65 to 90 % of melanomas due to UV. More than 8% of US work force in 1991 worked outdoors. Vast majority of outdoor workers in US, Canada and Mediterranean countries do not practice any sun safety. May be better in Australia. Difficult for an individual to do so fully unless work conditions or practices changed. The needed new program and research efforts. August 8, 2007

<http://www.ehjournal.net/content/pdf/1476-069x-6-22.pdf>

Saluting Those Who Protect What Protects Us--Our Skin: 1st Annual Dermatologists' Appreciation Week Announced.

Cancer Crusaders will host "Dermatologists' Appreciation Week" in tribute to "superior dermatologists dedicated to skin cancer prevention and patient care." You can nominate by Sept. 10. "We recognize the AAD as the nation's leader in the field of dermatological health and education." August 12, 2007

<http://www.prweb.com/releases/2007/8/prweb546182.htm>

Sixth Graders Spread the Word about Sun Safety.

After watching a video about sun safety, sixth graders at "Garden City Middle School started the summer armed with information about the dangers of too much sun and shared that information with at least one other person through a letter writing contest sponsored by the Mollie Biggane Melanoma Foundation." Mollie died of melanoma at 20. August 9, 2007

<http://www.gcnews.com/news/2007/0810/School/055.html>

Free Skin Cancer Screening to Take Place at North Avenue Beach.

In AAD survey, Chicago low among 32 cities in use of sunscreen and concern about skin cancer. Chicago Dermatological Society joins Chicago Park District to host the sixth annual "Skin Cancer Screening at the Beach" on August 11th at North Ave. Beach in Chicago's Lincoln Park. August 10, 2007

<http://www.prnewswire.com/cgi-bin/stories.pl?ACCT=104&STORY=/www/story/08-10-2007/0004643403&EDATE=>

Dermatologists Recommend \$0.50 Per-Use Tanning Salon Fee to Support Sun Safety Education Programs.

Sun-protective clothing manufacturer Cool bar surveyed dermatologists at AAD meeting. ".... 74 percent of dermatologists support the establishment of a \$0.50 per-use fee on tanning salon patrons." Founder of Coolibar: "The country's experience—like with per pack user fees on cigarettes—shows that funding education is necessary to improve public health." August 14, 2007

[http://home.businesswire.com/portal/site/google/index.jsp?](http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20070814005230&newsLang=en)

[ndmViewId=news_view&newsId=20070814005230&newsLang=en](http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20070814005230&newsLang=en)

Skin cancer awareness

Facing skin cancer, Salisbury student warns others to protect against dangerous UV rays.

On Ms. Lowe, who 2 years ago as 15-year old softball player was diagnosed with melanoma. "She would be the sixth person under the age of 18 treated for skin cancer at John Hopkins in Baltimore.... " Sun Safety Awareness program of the Wicomico County Health Departments includes visiting schools to educate youth about skin cancer risk. August 12, 2007

<http://www.delmarvanow.com/apps/pbcs.dll/article?AID=/20070812/LIFESTYLE/708120324/1024>

Protect your skin from the sun.

Outdoor worker with tan is diagnosed with squamous cell carcinoma. "Doctors say to limit your time in the sun, wear UV sunglasses, a long-sleeved shirt, long pants, gloves and a wide-brimmed hat. And, No. 1, an effective sunscreen. It may seem like a lot of trouble, but healthy skin is worth it." August 12, 2007

<http://www.recordcourier.com/article/20070812/Community/108120023>

Hospital officials: The quest for that perfect tan can lead to cancer.

Warnings from dermatologist at US Naval Hospital, Okinawa. "While not every sun tan session leads to cancer, the sun can cause significant health problems if safety precautions are not taken...." August 9, 2007
<http://www.okinawa.usmc.mil/Public%20Affairs%20Info/Archive%20News%20Pages/2007/070810-safety.html>

Skin Cancer - Squamous Cell Cancer-1

Chemical engineer discusses risks for SCC, not only excessive exposure to the sun but to other radiation, tars, arsenic, etc.. August 10, 2007
<http://www.americanchronicle.com/articles/viewArticle.asp?articleID=34705>

Skin Cancer- Squamous Cell Cancer- 2

Chemical engineer on symptoms. "The SCC tumors may be tender to the touch due to their rapid growth and inflammatory reaction." August 10, 2007
<http://www.americanchronicle.com/articles/viewArticle.asp?articleID=34706>

About Skin Cancer.

A short guide to the difference between "normal" and "abnormal" moles. August 9, 2007
<http://www.topcancernews.com/news/1044/1/About-Skin-Cancer>

Reminder about checking yourself for skin cancer signs.

Short discourse on moles and self-checks. August 8, 2007
<http://www.topcancernews.com/news/1054/1/Reminder-about-checking-yourself-for-skin-cancer-signs>

Would you be offended if someone told you about a suspicious mole on your back?

August 14, 2007
<http://www.topcancernews.com/news/1110/1/Would-you-be-offended-if-someone-told-you-about-a-suspicious-mole-on-your-back%3F>

Skin cancer data and risk

Statistics Points to over 40 Percent Increase in Skin Cancer.

43 % per cent over last decade, from UK data. August 13, 2007
http://www.carefair.com/html/Statistics_Points_to_Over_40_percent_Increase_in_Skin_Cancer_2852.html

Cheap flights cause rise in skin cancer.

"Soaring rates of skin cancer were blamed yesterday on the British penchant for holidays abroad involving long periods lying on the beach." Melanoma up 43 %. Used to be a disease of affluence, but now the population affected by the disease has changed. August 9, 2007
<http://news.independent.co.uk/health/article2846565.ece>

Good life leads to a bad death.

"Binge drinking, reckless sunbathing and overeating are fuelling a massive rise in cancer, experts have said." UK cancer report. "Scientists used the report to lay bare the consequences of increasingly hedonistic modern lifestyles." August 9, 2007
<http://www.news.com.au/story/0,23599,22217091-2,00.html>

UV and ozone layer

Kyoto projects harm ozone layer: UN official.

On how the Clean Development Mechanism and the creation of HCFC 22 under Kyoto are undermining Montreal Protocol. "The biggest emissions-cutting projects under the Kyoto Protocol on global warming have directly contributed to an increase in the production of gases that destroy the ozone layer, a senior U.N. official says." August 13, 2007
<http://www.reuters.com/article/environmentNews/idUSL137011320070813>

A Really Inconvenient Truth: Kyoto Protocol Destroying Ozone Layer.

"At the heart of the clash is a carbon trading scheme under Kyoto, worth \$5 billion last year, whereby rich countries pay poorer ones to cut greenhouse gas emissions on their behalf, called the clean development mechanism (CDM)." August 15, 2007
<http://newsbusters.org/blogs/noel-sheppard/2007/08/15/really-inconvenient-truth-kyoto-protocol-destroying-ozone-layer>

CDM hurts ozone layer, clears forests.

"Kyoto's Clean Development Mechanism (CDM) encourages the cutting down of native forests and damage to the ozone layer, latest critiques of the carbon markets claim." August 13, 2007
<http://www.carbonpositive.net/viewarticle.aspx?articleID=794>

Q&A: Global Fight to Protect the Ozone Layer Celebrates 20 Years. Interview with Montreal Protocol chief Marco González.

"The main achievement of the 20-year-old Montreal Protocol was to establish the process for recovering the ozone layer that protects life on Earth, although the enormous hole that opens every year over Antarctica will continue to happen for the next decade...." August 11, 2007
<http://www.ipsnews.net/news.asp?idnews=38863>

'An Ocean of Air' by Gabrielle Walker. Why the wind blows and other atmospheric mysteries.

Dr. Walker, a chemist who writes like a poet, is also witty. "The book's last sections explore the fragility of the atmosphere -- and what global warming and a receding ozone layer mean to the planet's inhabitants." August 12, 2007
<http://www.latimes.com/features/printedition/books/la-bk-lord12aug12,1,4993690.story?coll=la-headlines-bookreview>

Dow AgroSciences Named a 'Partner in Ozone Protection' by EPA.

EPA named Dow AgroSciences a partner in ozone protection. EPA's report, *Achievements in Stratospheric Ozone Protection*, "notes the important and substantial achievements by ...organizations ...to protect the earth's ozone layer." Dow developed efficient alternatives to methyl bromide. August 13, 2007
<http://www.pctonline.com/news/news.asp?ID=5237>

Consumer goods cooled with R744.

Replacements for HCFCs. August 10, 2007
http://www.r744.com/news/news_ida174.php

Scientific evidence sought.

Residents want scientific backing to assurances that methyl bromide used in log fumigation is not a health risk. August 9, 2007
<http://www.stuff.co.nz/stuff/thePress/4157669a19754.html>

Oil and Pollution at a Critical Stage.

Example of article that confuses Kyoto Treaty, to which the US did not agree, with the Montreal Protocol, on which US is a leader. August 12, 2007
[http://www.plenglish.com/article.asp?ID=%7B19A06E7D-4757-430D-8850-51E399F3ECE8%7D\)&language=EN](http://www.plenglish.com/article.asp?ID=%7B19A06E7D-4757-430D-8850-51E399F3ECE8%7D)&language=EN)

Twisted Science. Bullies of the Beltway.

Accusations of bad faith against global warming believers, especially the former US Vice President. Mentions example of his alleged firing of a DOE physicist in 1993 who wished to measure UVB more accurately in connection with the ozone hole issue. August 13, 2007
<http://www.hawaiireporter.com/story.aspx?b74defbe-8703-4e23-ae0f-7f33e5611a9a>

UV index

Why I'm covering up when the sun is out.

"There must be something funny about a deck chair, some beach balls and an inflatable palm tree in the middle of Droitwich town centre judging by the broad grins from shoppers." Man acknowledges his skin problem must be attended. It's "better to use the ultraviolet (UV) index than the temperature as a measure of the sun's strength." August 15, 2007
<http://www.worcesternews.co.uk/display.var.1618089.0.0.php>

UV and eyes

Don't go cheap choosing sunglasses for kids.

Some eye doctors want parents to put "sunglasses on babies as young as nine months to protect their eyes.... Other eye doctors are skeptical, saying no medical studies link childhood sun exposure to later eye disease." Most ophthalmologists don't "push sunglasses for babies." What to do. August 14, 2007
<http://lfpres.ca/newsstand/Today/Fashion/2007/08/14/4416281-sun.html>

Look into your eyes.

Annual exam could save your vision and health. "Few realize that eye doctors also check for overall eye health. As Henkel now knows, a simple eye exam can be a lifesaver." From finding of a pigment spot in the eye to diagnosis of ocular melanoma. August 15, 2007
<http://www.indystar.com/apps/pbcs.dll/article?AID=/20070815/CUSTOMPUB01/70814022/-1/LOCAL17>

On new skin cancer research

Protein Plays an Important Role in Increased Skin Pigmentation that Can Help Protect Against Harmful UV Exposure.

"Researchers have identified a protein that plays an important, early role in the increase of protective skin pigmentation after exposure to ultraviolet (UV) radiation." Confirms "the importance of SOX9 to adult skin cells and is the first to show that a protein in the SOX family can be regulated by UV radiation." T. Passeron et al. of National Cancer Institute and Université de Nice, France, on-line Aug. 13, hard-copy Aug. 20 *Proc. of the National Academy of Science*. August 13, 2007
<http://www.nih.gov/news/pr/aug2007/nci-13b.htm>

Cobra venom can provide cure for cancer.

A. Gomes et al. of India Institute of Chemical Biology, Kolkata, "found that proteins present in snake venom can be used to prepare anti-cancer drugs." Skin cancer formation and cell proliferation in mice reduced after treatment with venom. "Venom of Indian monocellate cobra and Russell's viper show anticancer activity in experimental models," in May 22, *Journal of Ethnopharmacology*. August 13, 2007
<http://www.hindu.com/thehindu/holnus/008200708130320.htm>

From lab to the limelight.

Australian scientists to be honored as winners of the Australian Museum Eureka Prizes. Trials of the therapy from one finalist, L. Kachigian, will begin in 2008 – “in people with non-melanoma skin cancer to see whether the drug can slow the growth of the cancers by choking off their blood supply.” August 15, 2007
<http://www.smh.com.au/news/science/from-lab-to-the-limelight/2007/08/15/1186857596890.html>

Additional recent articles on previously-listed skin cancer items

Melanoma Rates Continue to Rise.

More on Dr. Weinstock's analysis of rising melanoma rates, especially among younger and older populations, the increase in sunburn prevalence from 31.8% in 1999 to 33.7% in 2004, with men's rates considerably higher than women's. Dr. W.: "There is a whole psychology of pursuing a tan, and that is not a good thing. I would focus intervention efforts on changing that perception." August 13, 2007
<http://reno.injuryboard.com/melanoma-rates-continue-to-rise.php?googleid=10639>

Savvy kids find cool summer fun.

"...[H]undreds of Bay State kids have found a unique way to stay chilled and athletically fulfilled while keeping out of the noonday sun: ice-skating." FMC Arenas work with the SHADE Foundation "to keep kids out of the sun at peak hours when rays can hurt their skin." August 12, 2007
<http://news.bostonherald.com/localRegional/view.bg?articleid=1016810>

Only Skin Deep? Cancer Crusaders Seeking Stories of Hope, Survival and Inspiration.

The Cancer Crusaders Organization "is collecting stories from melanoma survivors and family members touched by melanoma to include in a special edition" of book by co-founder Ms. D. White. August 10, 2007
<http://www.prweb.com/releases/2007/8/prweb545813.htm>

Preventing the Most Preventable Cancer: A Call for Entries.

"The Cancer Crusaders Organization is hosting a global essay contest. Winners will earn a cash scholarship, and more - all for a good cause!" August 12, 2007
http://pr-gb.com/index.php?option=com_content&task=view&id=7826&Itemid=9

Northeast Valley news briefs. Skin Cancer center urges good health.

Similar to earlier articles on Arizona Cancer Center's new Skin Cancer Institute, now in both Tucson and Scottsdale. August 12, 2007
<http://www.azcentral.com/arizonarepublic/local/articles/0812hesunbriefs0812.html>

Skin cancer detection and treatment

Duel or duo? (Part 2) By Zosimo T. Literatus, R.M.T.

Author does not seem to keep last week's promise in Part 1 to provide documentation that sesame oil reduces harmful side effects of cisplatin: supposedly the documentation is in "February 200 issue of Shock" [sic]! August 15, 2007
[http://www.sunstar.com.ph/static/ceb/2007/08/15/life/duel.or.duo.\(part.2\).html](http://www.sunstar.com.ph/static/ceb/2007/08/15/life/duel.or.duo.(part.2).html)

Industry, economics

Cancer Survivors at Work.

Finnish research on how cancer affects work ability and extent of the social support cancer survivors receive from their work community. "Those with leukemia or cancer of the nervous system were twice as likely to retire as the control group, whereas there were no differences in retirement numbers between people with skin cancer [melanoma] and their referents." August 14, 2007
<http://www.innovations-report.de/html/berichte/studien/bericht-88821.html>

Castle plan would insure severely ill young adults.

A university student with stage 4 melanoma fears to lose health insurance if she cannot keep up full-time study. Differing views on legislation that would "allow college students to take up to one year of medical leave for a physician-certified severe illness without losing their health insurance." August 10, 2007
<http://www.delawareonline.com/apps/pbcs.dll/article?AID=/20070810/NEWS/70810036/1006/NEWS>

Concern over skin cancer care access.

"Patients with suspected malignant melanomas need to be referred to dermatologists, but waiting lists for out-patient skin clinics can be as long as five years." Irish woes with their public health sector. August 15, 2007
<http://www.irishhealth.com/?level=4&id=12003>

Little Drug, Big Sales.

Abraxis BioScience reported increased revenue but experienced a lower share price because it may be difficult to determine its future profits. Will incur costs from plan to start phase 3 trials of ABRAXANE, including a trial for melanoma. August 13, 2007
<http://www.fool.com/investing/high-growth/2007/08/13/little-drug-big-sales.aspx>

EpiCept Corporation Reports Second Quarter 2007 Operating and Financial Results.

Mentions at end of article that partner Myriad will conduct Phase 2 human trials of Azixa in patients with melanoma that has spread to brain. August 14, 2007
<http://money.cnn.com/news/newsfeeds/articles/prnewswire/NYTU05414082007-1.htm>

Genta Announces Launch of Genasense(R) Named-Patient/Compassionate Use Program.

"We expect that proceeds from this new program will be used to offset costs associated with our confirmatory randomized trial in patients with advanced melanoma." August 13, 2007
<http://money.cnn.com/news/newsfeeds/articles/prnewswire/NYM06313082007-1.htm>

Launch of Drugs from Medarex/Bristol-Myers Squibb and Pfizer Will Significantly Impact the Market for Treatment of Malignant Melanoma.

Decision Resources says launch of ipilimumab and ticilimumab "will offer clinicians more freedom in treatment design based on the individual patient's performance status." For stage 4. August 15, 2007
<http://www.prnewswire.com/cgi-bin/stories.pl?ACCT=104&STORY=/www/story/08-15-2007/0004645859&EDATE=>

Articles focused on individuals

Snow globe adventurers. 2nd item. For love and life.

"Ken White and his nine-year-old daughter, Victoria, are attempting to break a world record skiing seven continents by the youngest person." Ken has stage 3 melanoma. August 8, 2007
<http://www.news.com.au/travel/story/0,23483,22203643-27977,00.html>

Inspirational man shows how to live like you are dying.

"I was devastated," says Booth, "about the melanoma diagnosis, but after two weeks I thought if I had only 18 more months, I better enjoy the rest of my life." In 2000 sold possessions and "started touring Canada and the U.S., living in hotels. He's still doing that...." Melanoma gone, but has multiple sclerosis. Has taken to writing and to giving charity directly to complete strangers. August 14, 2007
<http://cnews.canoe.ca/CNEWS/Features/2007/08/14/4417262-sun.html>

From Green Goddess to survivor: How Diana Moran beat cancer twice.

An engaging but sinning (for more than 40 years) tanner, Britain's Green Goddess of health vows to find a cure for her basal cell carcinoma without surgery. Not an alternative medicine fan – she goes for photodynamic therapy. Praises UK Cancer charity. August 11, 2007
<http://www.thisislondon.co.uk/news/article-23408043-details/From%20Green%20Goddess%20to%20survivor:%20How%20Diana%20Moran%20beat%20cancer%20twice/article.do>

Punter gets 'second chance at life.'

How Florida Atlantic freshman punter Mickey Groody has so far overcome malignant melanoma, diagnosed this spring. August 13, 2007
http://www.palmbeachpost.com/sports/content/sports/epaper/2007/08/12/a4b_fau_0812.html

Sitting Jharkhand MLA dead.

In his 60s, member of a legislative assembly dies after lengthy treatment of brain and skin cancer. August 13, 2007
<http://www.hindu.com/thehindu/holnus/004200708131440.htm>

Plastic Surgery after Skin Cancer.

"A woman left with a facial deformity after skin cancer is grateful to the plastic surgeon that restored her nose to normal." August 14, 2007
http://www.13wham.com/guides/health/story.aspx?content_id=6e8ba93c-5454-4437-88fd-a4b3d356855a

Vitamin D – benefits and sources

Major health study of South Asian women.

Auckland University's study of NZ's Indian population – "considered to be at risk of vitamin D deficiency because they are exposed to less sunshine in the New Zealand climate and because it is harder for their darker skin to make vitamin D." August 12, 2007
http://masseynews.massey.ac.nz/2007/Massey_News/issue-11/stories/11-11-07.html

Enzyme discovery sheds light on vitamin D.

G. Jones et al. of Queen's University explain how vitamin D is broken down in the human body. "The effectiveness of vitamin D therapy is partly dependent on how quickly it will be broken down.... By studying the enzyme responsible for breaking down the vitamin, we hope to develop a way to prevent this from happening by blocking that response." *Proceed. of the National Academy of Sciences.* August 13, 2007
<http://www.labcanada.com/issues/ISArticle.asp?id=71883&issue=07302007>

Tanning – UV and non-UV

Mostly UV

That summer tan could come at a heavy price.

"First and foremost, I would like to set the record straight. There is no such thing as a healthy tan," from Dr. A. Pappert of UMDNJ-Robert Wood Johnson Medical School. "Both suntans and sunburns can result in DNA damage that can lead to skin cancer." On care, if you do get a sunburn. August 13, 2007

<http://www.nj.com/news/gloucester/local/index.ssf?/base/news-7/1186980121145540.xml&coll=8>

Skin Color- Keep Your Skin Young Looking With Even Skin Color-1

Chemical engineer says that if melanin is spread evenly over skin, you get an even skin tone. Also, that the melanin formed from melanocytes protects the cell from the sun. Does not say if protection adequate or not, or if tanning is the best way to protect the skin! (It would not be surprising if his future articles recommended tanning beds.) August 10, 2007

<http://www.americanchronicle.com/articles/viewArticle.asp?articleID=34701>

Proposed changes in health codes [in a MI county] examined.

Article does not pay attention to proposed changes affecting tanning salons – says there are very few such salons in the county. August 13, 2007

<http://www.cadillacnews.com/articles/2007/08/13/news/news03.txt>

Hot marketing tips to ensure success.

How to promote tanning and other salon services through free advertising, meaning mostly through customers. Includes "co-oping" with non-competitive businesses. (Women will laugh at the suggestions of how to entice men customers into tanning salons; men will laugh at the suggestions of how to entice women customers.) August 14, 2007

http://www.lookingfit.com/articles/operations/733_821insid.html

Mostly non-UV

Want a tan? Stick with the professionals.

New home air-brushing equipment does not seem to work well. August 15, 2007

http://www.jacksonville.com/tu-online/stories/081507/enc_191355875.shtml

Tried and tested: tanning moisturizers.

August 13, 2007

<http://www.independent.ie/lifestyle/fashion-beauty/tried-and-tested-tanning-moisturisers-1057461.html>

Sunscreen

What's the Deal with: PA+++ Rankings on Sunscreen.

We know that SPF means sun protection factor. "A few sunscreen labels also list a 'PA' ranking....the amount of protection the sunscreen offers from the UVA rays, since SPF just ranks protection from UVB rays." Three classes, PA+, PA++ or PA+++.

August 10, 2007

<http://fitsugar.com/511673>

Aluminum Found In Sunscreen: Could It Cause Skin Cancer?

Mentions study by S. Nicholston and C. Exley of Keele University in Staffordshire that questions safety of "aluminium" added to sunscreens and sunblocks. Apparently added to "prevent the agglomeration of another ingredient, titanium dioxide particles." Another study in *Free Radical Biology and Medicine* showed that "UV filters in sunscreens promote the formation of reactive oxygen species (ROS) in the nucleated epidermis of the skin." August 13, 2007

<http://www.sciencedaily.com/releases/2007/08/070812084458.htm>

Can Sunscreen Lead To Hormone Damage In Kids?

Article relies on the analysis of the Environmental Working Group. (Says EWG itself tested products, which is not what other articles have said of EWG's analysis.) EWG concerned with ingredient oxybenzone "that the group fears could act as a hormone disruptor for your kids. At least 95 percent of the girls they tested who used sunscreen had the substance in their urine." August 13, 2007

http://www.citynews.ca/news/news_13740.aspx

Misunderstanding leads consumers to skip sunscreen.

Dr. M. VanBeek of Univ. of Iowa discusses the main misunderstandings US consumers have about sunscreen – SPF, UVA and UVB filters, how much and how frequently to apply, the side effects of ingredients. "This uncertainty has been driven by reports from consumer lobby groups and other sources, claiming that some active ingredients in sunscreens can trigger health problems...." Dr. VanBeek rejects these notions. But "future marketing campaigns and the labeling of sunscreen products will have to take into account the fact that consumers still have much to learn on the subject." August 13, 2007

<http://www.cosmeticsdesign.com/news/ng.asp?n=79013-sunscreen-misunderstanding>

Setting the Sunscreen Story Straight.

As above. August 9, 2007

<http://www.newswise.com/articles/view/532344/>

Nanoparticles in Your Sunscreen: Too Hot To Handle?

Reasons for the strong disagreement between the new Friends of the Earth warning about nanoparticle ingredients and the Environmental Working Group's contrary conclusion. "So who wins this argument? Perhaps the folks who make beach

umbrellas." August 14, 2007

<http://bits.blogs.nytimes.com/2007/08/14/nanoparticles-in-your-sunscreen-too-hot-to-handle/>

Consumer guide to warn that nano sunscreens may threaten human health.

To avoid those with nanoparticles. August 14, 2007

<http://www.nanowerk.com/news/newsid=2363.php>

Sunscreens' Not-So-Tiny Problem. Friends of the Earth Releases Guide to Help Consumers Avoid Potentially Harmful Nanoparticles in Sunscreens.

"Friends of the Earth, along with the International Center for Technology Assessment (ICTA), has also filed legal action against the FDA because the U.S. government does not have any safety standards in regard to nanotechnology." August 14, 2007

<http://www.commondreams.org/news2007/0814-03.htm>

Always wear sunscreen? Maybe not.

More on the EWG study. Notes finding that 1 in 2 products bore claims considered "unacceptable" or misleading under Health Canada's sunscreen safety standards. The claims include "all-day protection," "mild as water," "blocks all harmful rays." August 10, 2007

<http://www.theglobeandmail.com/servlet/story/RTGAM.20070810.wlfootprint10/BNStory/specialScienceandHealth/home>

Skin-Care Expert Wards Off the Sun.

Owner of skin care line says "that rain or shine, he tries to apply sunblock three times a day; he sticks to SPF 30, arguing that higher numbers are a marketing gimmick and don't provide significant incremental benefits." Has ingenious solutions for emergencies. August 9, 2007

http://online.wsj.com/article/SB118661470529992324.html?mod=googlenews_wsj

Truth Squad: Sun Sense.

An oncology nurse gives advice. "Unfortunately, Linda says even if people wear sunscreen during the summer, they stop wearing it when the weather changes." August 13, 2007

<http://www.2news.tv/news/9131666.html>

Saving face: Products that do the trick.

"Make-up artist to the stars Kay Montano shares her beauty secrets." Discusses advances over prior high SPF sunscreens that "came in the cloying and heavily creamed kind.... We can now put those creamy crimes to rest...." August 13, 2007

http://www.dailymail.co.uk/pages/live/femail/article.html?in_article_id=474979&in_page_id=1879&in_a_source=

Recent news from M. D. Anderson Cancer Center summarized.

On sunscreen use. [Registration] August 13, 2007

<http://www.therapeuticsdaily.com/news/article.cfm?contentValue=1461611&contentType=sentryarticle&channelID=26>

New sunscreen rules due.

Similar to prior articles on lack of general knowledge of meaning of SPF and hope for new labeling rules from FDA. August 13, 2007

http://www.commercialappeal.com/mca/health_and_fitness/article/0,1426,MCA_522_5670349,00.html

Celebrity Dermatologist Divulges the Skin-Saving, Sun Protection Secrets of the Stars Making it Easier for Everyday People to Look Picture Perfect.

"Sunscreen is NOT for sissies, it's for 'smarties'...." August 13, 2007

<http://www.pnnewswire.com/cgi-bin/stories.pl?ACCT=104&STORY=/www/story/08-13-2007/0004644453&EDATE=>

Sunscreen in a pill.

Helicare – not replacement for sunscreen, but an "extra precaution." Not regulated by the FDA. August 12, 2007

<http://news14.com/content/headlines/585893/sunscreen-in-a-pill/Default.aspx>

Other protective products

Sun-Protective Clothing.

Advice from the Texas Cooperative Extension. Explains what a UPF number means. Search the web for best buys with high UPF. May be less expensive to wash sun-protection into clothes. "The only laundry aid endorsed by the Skin Cancer Foundation is Sun GuardT from the makers of RITT dyes." August 14, 2007

http://www.mexiadailynews.com/local/local_story_226171822.html

Can Sunscreen Stickers Help Avoid Sunburn? Sun Sensors Appeal to Kids.

How long do you wait between applications? Consumer Reports tested Huggies Little Swimmers Sun Sensors. They remind parents when it's time to put on more sunscreen. "We think they're a cute idea and they may appeal to kids who tend to like stickers, but for the most part we think you're better off just keeping track of the time using your watch...."

August 10, 2007

<http://abclocal.go.com/kabc/story?section=health&id=5558953>

Special skin-cancer related events

Health notes.

After discussing a survey, article mentions that Anne Arundel County Department of Health is offering health kits to residents, including a Safe-in-the-Sun Kit: Advice on protecting skin from sun damage and skin cancer. August 15, 2007
<http://www.baltimoresun.com/news/local/annearundel/bal-ar.health15aug15,0,5350156.story>

Free cancer screenings.

Owosso Memorial Healthcare will offer free cancer screenings Aug. 25 in Durand, MI. Includes skin cancer screenings. August 14, 2007
<http://www.mlive.com/news/fljournal/index.ssf?/base/news-1/1187104849310810.xml&coll=5>

Hawaiian shirts are OK at next weekend's fundraiser [in AL].

"After she was diagnosed with melanoma skin cancer, Henderson keeps an eye on changes in her skin and limits her sun exposure." Hawaiian Luau Aug. 18, for a "good time while supporting cancer survivors and their families by raising money for ACS services." August 12, 2007
<http://www.dothaneagle.com/gulfcoasteast/dea/lifestyle.apx.-content-articles-DEA-2007-08-12-0001.html>

Sports Calendar – 2 items.

August 13. At the Philadelphia Force Women's Pro Fastpitch game in Allentown. Part of ticket sales will benefit American Cancer Society Relay for Life. Second item near end: "Make your Mark 5K Run/Walk, Sept. 30," Tyler State Park, Richboro. Benefit "to eradicate skin cancer..." August 13, 2007
<http://www.mcall.com/sports/all-calendardummy.5993455aug13,0,3243543.story>

'Driving' to support skin cancer research.

Annual Grant Channell Memorial Golf Outing named after a lifeguard who died in 1994 from melanoma at 27. Outings have raised \$123,000. Aug 11. Supports University of Pittsburgh's Melanoma and Skin Cancer Program headed by Dr. Kirkwood. "One of the areas that he is exploring is why melanoma is being diagnosed in younger people more and more....." August 9, 2007
<http://www.post-gazette.com/pg/07221/807907-57.stm>

Doctor takes mole patrol to UK beaches.

"A doctor is running mole patrols on British beaches to educate the public about the dangers of skin cancer." Campaign "organized by the Royal Cornwall Hospital patient forum amid concerns that skin cancer is the fastest-growing form of the disease in Britain." August 13, 2007
<http://www.smh.com.au/news/World/Doctor-takes-mole-patrol-to-UK-beaches/2007/08/13/1186857429601.html>

Miscellaneous

Prevention 'may not help elderly.'

Controversy among UK physicians from study showing 70+ -year-old patients taking statins did not have lower death rate – cause of death shifted from heart attack to cancer and dementia. "Use of **medicines** to prevent disease may not prolong or improve life in elderly people, say doctors." August 9, 2007
<http://news.bbc.co.uk/2/hi/health/6939041.stm>

MIT creates 3-D images of living cell.

From Dr. M. Feld. "For the first time the functional activities of living cells can be studied in their native state." *Nature Methods*. August 13, 2007
<http://www.sciencedaily.com/upi/index.php?feed=Science&article=UPI-1-20070813-11550600-bc-us-images.xml>

Nasty, Brutish, and Short. US Slipping in Life Expectancy Rankings.

Countries that surpass the U.S. [in life expectancy] include Japan and most of Europe, as well as Jordan, Guam and the Cayman Islands." Not just health insurance issue – higher rates of obesity and racial disparities. August 12, 2007
<http://apnews.myway.com/article/20070812/D8QVEIRO0.html>

2nd item. Height, longevity, and American inferiority.

"In 20 years, we've fallen from 11th to 42nd in longevity." Liberal vs. conservative theories on the reasons. 4th item: "It's been a great week for coffee drinkers: People "who drink coffee may be reducing their risk of liver cancer;" 3+ cups a day "helped protect older women against some age-related memory decline." Coffee and exercise ward off skin cancer. "Unauthorized conclusions: 1) Go pour yourself another cup. 2) And don't forget the chocolate ..." August 13, 2007
<http://www.slate.com/id/2172145/>

Two Marin interns shine at Buck Institute - and may get published in scientific journal.

At the Buck Institute for Age Research in Novato, teenagers study a compound made of natural ingredients and how it kills the protein that "causes certain types of skin cancer." August 13, 2007
http://origin.marinij.com/marin/ci_6609096

Homage to a leader.

Week-long celebration in breath-taking Himalayan setting of 800th anniversary of a Tibetan Buddhist sect. "Shielding themselves from the scorching summer sun in designer shades, broad-brim hats and caps, shawls and umbrellas – and after liberal applications of sun-block lotion – the faithful followers of the Drukpa sect joined thousands of devotees...in

paying homage tothe 12th Gyalwang Drukpa." August 12, 2007

<http://thestar.com.my/lifestyle/story.asp?file=/2007/8/13/lifeliving/18422472&sec=lifeliving>

Ozone alert.

A bit of help for a puzzled kiddie reader about alerts for ground level ozone on the one hand, and worries about ozone depletion on the other. August 14, 2007

<http://www.earthsky.org/kids/46154/ozone-alert>

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Ilona Melstrads](#)
To:
Bcc: [Drusilla Hufford](#)
Subject: SunWise News Roundup August 22, 2007
Date: 08/22/2007 02:34 PM



News Roundup Wednesday August 22, 2007

Skin cancer prevention / awareness: events

Paddling into history?

At Lake Metroparks, 200 kayakers and canoers on Sunday raised \$3,000+ for the American Cancer Society's Skin Cancer Awareness program. "It's important to raise awareness because when you're in an outdoor sport you have to learn how to protect yourself and be proactive." August 20, 2007

http://www.news-herald.com/site/news.cfm?newsid=18726629&BRD=1698&PAG=461&dept_id=21849&rfi=6

Rays Awareness Run/Miles for Melanoma.

On Sept. 22, the first Rays Awareness Run/Miles for Melanoma will be held at Independence Grove in Libertyville. To benefit "Melanoma Research Foundation and its efforts to support, educate and advocate for the research and prevention of melanoma." August 16, 2007

http://www.suburbanchicagonews.com/newssun/sports/512786,5_2_WA15-RUNNING_S1.article

Triathlon turning Westernport into a 'hot spot.'

Sept. 16, Westernport will hold the "first Savageman Half-Iron Triathlon as cyclists will set out to conquer 'The Wall.'" Start with 1.2 miles swim followed by a 56 mile bicycle ride. Participants from Australia and Europe. To benefit Joanna M. Micolay Melanoma Foundation. August 17, 2007

<http://www.newstribune.info/articles/2007/08/17/news/news01.txt>

The dangers of a deadly tan. Broadcast transcript.

Are health experts losing the battle to convince young people about dangers of tanning? "Clare Oliver, a young woman whose most precious wish is to live long enough to see her 26th birthday next weekend, offers heartfelt advice on the dangers of a deadly tan." Transcript contains criticism of tanning salons in Australia and lack of regulation. August 21, 2007

<http://www.abc.net.au/7.30/content/2007/s2011387.htm>

Melanoma victim warns of solarium risks.

"Ms Oliver was diagnosed with a melanoma four years ago and now in the final days of her life, wants to give young people this warning about solariums." August 21, 2007

<http://abc.net.au/news/stories/2007/08/22/2011580.htm?section=australia>

Skin cancer awareness

Survey Reveals Disparities in Skin Cancer Knowledge, Protection among High School Students.

Dr. F. Ma et al. of the Univ. of Miami surveyed Florida students (221 white Hispanics and 148 white non-Hispanics) "about their skin cancer knowledge, perceived risk and sun protection behaviors." Hispanics have less skin cancer than whites, "but are more likely to be diagnosed at a later stage." NIH-funded. August 20, 2007

<http://www.newswise.com/articles/view/532562/>

Hispanic Teens Take More Skin Cancer Risks/

Univ. of Miami study finds "Hispanic-American teens are more likely than their white peers to take risks that boost their odds for skin cancer," August, *Arch. of Dermatology*. "More likely to tan deeply (44.2 percent vs. 31 percent)....2.5 times more likely to have used a tanning bed in the previous year." Authors say white Hispanic students need to participate more in skin cancer prevention programs. August 20, 2007

<http://www.washingtonpost.com/wp-dyn/content/article/2007/08/20/AR2007082001173.html>

Hispanic teens don't know skin cancer risk.

August 21, 2007

http://www.imedinews.ge/en/news_read/59300

Editorial: Teen Skin-Cancer Education Should Address Appearance.

From same site as newswise article on Dr. Ma's study, an editorial by Dr. A. F. Haas of National Coalition for Sun Safety: "Teens tan because they like the effect it has on their appearance, and showing how tanning can damage the skin has been shown to help change sun-related behavior in young people...." August 20, 2007

<http://www.newswise.com/articles/view/532562/>

Battling skin cancer: A reporter's journal.

In 3 articles, Ms. Coe describes her ordeal with recurrent skin cancers – currently she has basal cell carcinoma on lip. "Will I

be disfigured? No one knows." August 15, 2007
http://www.henryherald.com/statenews/cnhinsall_story_227110813.html

Battling skin cancer: A reporter journal (Part II).

"There are six of us in Dr. Pinto's office this Wednesday morning awaiting Mohs surgery for skin cancer." August 15, 2007
http://www.alliednews.com/statenews/cnhinsall_story_227111003.html

Battling skin cancer: A reporter's journal (Part III).

"It is time to take the bandage off my face..... Not only is skin cancer painful and potentially disfiguring, it is also expensive. I could have bought a couple of new vehicles for the amount of money I have spent...." August 15, 2007
http://www.athensreview.com/health/cnhinsmedicine_story_227111241.html

Our pursuit of shade. Avoiding summer sun is practically an obsession in Valley.

Arizonans not only "instinctively" seek shade from the hot sun, but "there are caps and wide-brimmed hats and, increasingly, umbrellas - signs that the message is getting through that the sun doesn't just cause discomfort, but also deadly skin cancer." Mentions Sen. McCain and Mrs. Schilling. August 15, 2007
<http://www.azcentral.com/arizonarepublic/arizonaliving/articles/0816shadyspots0816.html>

The basal cell skin cancer.

Relative of skin cancer patient discusses the biology of the cancer, risk factors and treatment, including Mohs surgery. August 18, 2007
<http://www.topcancernews.com/news/1162/1/The-basal-cell-skin-cancer>

Special Assignment: Skin Cancer.

"Usually I'm a reporter or a patient. Never have I been both at the same time. Here's a tip when you check yourself. The most common place for melanoma on men is the back. For women, it's the back of the calf." August 16, 2007
<http://www.wrdw.com/health/headlines/9196062.html>

Are you risking skin cancer in the British sun?

Professor R. Marais: "People do care deeply about skin cancer, but many still don't know how to look after their skin." Superdrug, which has Mole clinics, and its work with The Institute of Cancer Research's SAFE campaign to make people more aware of the dangers of the sun. August 18, 2007
<http://www.sundaymirror.co.uk/showbiz/celebsonsunday/2007/08/19/are-you-risking-skin-cancer-in-the-british-sun-98487-19620257/>

Skin cancer data and risk

Antioxidants May Up Women's Skin Cancer Risk. Vitamins C and E and Other Nutrients May Quadruple Risk of Melanoma.

"French scientists have shown that taking antioxidant supplements, which include vitamins C and E and beta carotene, may increase a woman's risk of skin cancer by 68 percent." In *J. of Nutrition*. Surprised "many who believed that antioxidants actually protect against sun damage that leads to skin cancer." August 20, 2007
<http://www.abcnews.go.com/Health/Diet/story?id=3500666&page=1>

Antioxidant supplements could elevate skin cancer risk in women.

Lead researcher Dr. S. Hercberg of Medical Univ. of Paris: "Taking into consideration our results, we are particularly concerned by the use of long-term supplementation, notably in sun-seekers and people wanting to look tanned [using beta-carotene]...." August 20, 2007
<http://www.earthtimes.org/articles/show/96228.html>

Antioxidants and skin cancer.

"It means that don't think there's a magical pill to help you prevent cancer," from Dr. R. Santella, of Columbia Univ. "There are no easy answers." August 20, 2007
<http://abclocal.go.com/wabc/story?section=health&id=5586825>

Health Watch - Skin Cancer - Part One.

Tanned look. "What price are you paying to achieve that look? Some paying with their lives." Florida has highest skin cancer rate in US. August 21, 2007
<http://www.wjhg.com/home/headlines/9293786.html>

UV and ozone layer

NASA Ozone Instrument Laid to Rest after Three Decades.

Established the geographical extent of the 'ozone hole' over the Antarctic...." Calculated the amount of UV light "scattered from the Earth's surface and atmosphere back into space. Since the ozone layer absorbs ultraviolet light, areas in which less ultraviolet light was recorded indicated the presence of more ozone." August 17, 2007
<http://www.physorg.com/news106573051.html>

Ozone layer depletion: The threat mounts.

Explains ozone layer, its depletion, the impact of UV rays on life and health, actions to control CFC emissions that have

succeeded. Problems remain with how older equipment using CFC is disposed of or drained. Policy challenges for old industrialized countries and developing countries. August 16, 2007
<http://www.thedailystar.net/story.php?nid=321>

USA. Today's Top Scientific Breakthroughs of the past 25 Years.

Sees "ozone hole" discovery over Antarctica as "contributing to discovery of global warming." August 21, 2007
http://www.associatedcontent.com/article/353783/usa_todays_top_scientific_breakthroughs.html

Asthma's New Expense. Phaseout of inhaler leaves patients gasping with sticker shock.

Various views about the phase-out by December 2008 of the CFC-propelled a buterol. Short history of the decision by FDA. One patient emphasizes huge replacement drug package costs. Physicians note that albuterol, no matter how propelled, was not intended for frequent permanent use - only for emergency relief since it does nothing to heal the underlying inflammation. August 19, 2007
<http://health.usnews.com/usnews/health/articles/070819/27asthma.htm>

Industries are Taking Environmental Issues Seriously.

"The leading efforts of U.S. industry actually helped get an international agreement in place in nearly 200 countries that have agreed to ban the use of CFCs. Not everyone realizes that today's consumer aerosol products don't threaten the upper ozone layer...." August 18, 2007
<http://www.theledger.com/article/20070818/NEWS/708180304/1001/BUSINESS>

Eco-Friendly Refrigerant Ready to Replace Freon.

August 16, 2007
<http://www.franchising.com/pressreleases/1529/>

Students ready for international challenges.

Brunei's participation in the Regional Ozone Quiz Competition for the Montreal Protocol and the 6th Asia-Pacific Robot Contest. "One of the main roles of the National Ozone Unit (NOU) is to create awareness amongst students on Ozone Layer Protection in the country." August 16, 2007
<http://www.brunei-online.com/bb/thu/aug16h32.htm>

Big quiz win for Filipino students.

Two win "the first prize at an environmental quiz in Bangkok held by the United Nations Environment Programme (UNEP)." August 22, 2007
http://nationmultimedia.com/2007/08/22/national/national_30046006.php

NEA [National Environment Agency in Gambia] trains Customs, other security agencies.

Gambia's commitment "to phase out the importation and consumption of Ozone Depleting Substances, by January 2010...." August 16, 2007
http://www.observer.gm/enews/index.php?option=com_content&task=view&id=8547&Itemid=1

Uganda: Fridges with Hazardous Gases to be Phased Out.

"Uganda will by 2010 have phased out all refrigerators which use gases responsible for eroding the Ozone layer and exposing the earth to the sun's strong (ultraviolet) rays." Air-conditioners using CFCs would also be phased out by 2010. August 20, 2007
<http://allafrica.com/stories/200708210279.html>

Nuclear power: follow the money.

Objections in Ohio to increasing nuclear power production of energy. Mentions Dr. H. Caldicott's warning that ozone-depleting gases are emitted during enrichment of uranium. August 21, 2007
<http://www.freepress.org/departments/display/3/2007/2763>

Together again. Harper has three main issues to bring up with Bush in face-to-face meeting.

Article alludes to Canadians in the past nudging US in right direction on ozone depletion and acid rain; hope for another push on climate change. August 20, 2007
<http://www.canada.com/montrealgazette/news/editorial/story.html?id=12855805-9e4f-4909-9ed2-bfec5e36c51>

Taking the research plunge

Student at Canada's High Arctic weather station, with researchers on global warming, stratospheric dynamics and ozone depletion. August 22, 2007
<http://dalnews.dal.ca/2007/08/20/eureka.html>

UV index

LCD screen shows weather data.

Coming from Ambient Devices, "the 7-day Weather Watcher, a 9-inch LCD that shows the current weather, temperature, daily highs and lows, wind direction and strength, UV index...." August 19, 2007
<http://www.indystar.com/apps/pbcs.dll/article?AID=/20070819/BUSINESS/708190363/1003/BUSINESS>

UV and eyes

Have eyes checked for vision problems.

"This month there are two month-long National Health Observances, Children's Eye Health and Safety Month and Cataract Awareness Month -- reminding us to be on the lookout for eye problems." UV-A and UV-B rays can be a cause of cataracts. August 18, 2007

<http://www.guampdn.com/apps/pbcs.dll/article?AID=/20070819/LIFESTYLE/708190329/1024/CUSTOMERSERVICE02>

CenterWatch Monthly: 4th and last item. Eye On: Melanoma.

On intraocular or ocular melanoma. [Registration] August 20, 2007

http://www.clinicaltrialsociety.com/centerwatch_clinical_trial/2007/08/centerwatch-mon.html

On new skin cancer research

New Initiative to Study the Glycobiology of Cancer Could Aid Understanding of Cancer Risk and Detection.

NCI "is funding a new \$15.5 million, five-year initiative to discover, develop, and clinically validate cancer biomarkers by targeting the carbohydrate (glycan) part of a molecule." One lab specifically includes search for glycan-based biomarkers for melanoma. August 21, 2007

<http://www.nih.gov/news/pr/aug2007/nci-21.htm>

Examining stem cell characteristics in melanoma: findings could improve understanding, management.

Researchers at Wistar Institute in Philadelphia focus "on the antecedent cell lines of malignant melanoma." [Registration] August 18, 2007

<http://www.therapeuticsdaily.com/news/article.cfm?contentValue=1473036&contentType=sentryarticle&channelID=28>

Additional recent articles on previously-listed skin cancer items

Gene therapy success for metastatic melanoma.

Favorable update on Dr. S. Rosenberg's study at NCI of gene therapy in metastatic melanoma. The two patients who benefited a year ago remain cancer free -- could be about 18 months more than other therapies would have provided. August 18, 2007

<http://www.therapeuticsdaily.com/news/article.cfm?contentValue=1473048&contentType=sentryarticle&channelID=28>

Protein Plays Important Role in Increased Skin Pigmentation That Can Help Protect Against Harmful UV Exposure.

On SOX9, the "protein that plays an important, early role in the increase of protective skin pigmentation after exposure to ultraviolet (UV) radiation." August 17, 2007

<http://www.sciencedaily.com/releases/2007/08/070817121619.htm>

Addicted to the sun.

Mentions several past studies that imply an addictive response to UV or to certain levels of UV. August 19, 2007

<http://www.buffalonews.com/185/story/144392.html>

Is Tanning Addictive?

Disagrees with assumptions in Slate magazine questioning some aspects of addiction studies. August 15, 2007

http://www.stats.org/stories/2007/is_tanning_addictive_aug15_2007.htm

Sound of cancer. Doctors say they now have a way of listening for melanoma to try and catch it early.

Another article reminding us of a special technique for detecting melanoma, first mentioned quite some time ago.

Apparently still being tested. August 20, 2007

<http://www.whcc.com/article/stories/S171664.shtml?cat=577>

Skin cancer detection and treatment

Distance to Diagnosing Specialist Increases Melanoma Thickness.

Dr. K. B. Stitzenberg et al. of the Univ. of North Carolina demonstrate that the "farther patients must travel to reach a specialist who can diagnose melanoma, the more likely they are to have a thicker lesion....." Thus more likely the delayed diagnosis will involve a more advanced tumor. August, *Arch. of Dermatology*. Thicker lesion "also associated with age and poverty." August 20, 2007

<http://www.medpagetoday.com/Dermatology/SkinCancer/tb/6453>

Melanoma Thickness Linked to Physician Proximity.

"They found that for each one mile increase in distance, average Breslow thickness at diagnosis increased by 0.6%.

Patients who traveled more than 15 miles had tumours 20% thicker than those of patients who traveled 15 miles or less."

August 20, 2007

http://www.insidermedicine.ca/archives/Melanoma_Thickness_Linked_to_Physician_Proximity_1487.aspx

Melanoma Diagnosis Often Delayed for Rural Poor.

Dr. K. B. Stitzenberg of the School of Public Health at the Univ. of North Carolina. August 22, 2007

<http://www.forbes.com/forbeslife/health/feeds/hscout/2007/08/22/hscout607483.html>

'GPs match specialists in finding skin cancer.'

Medical J. of Australia reports "that non-specialists - both standard GPs and those working in skin cancer centres - are now performing more cancer excisions than specialist dermatologists." Another report finds that "there was little difference in the numbers of accurate diagnoses between the two groups." August 19, 2007
<http://www.news.com.au/perthnow/story/0,21598,22270469-5005361,00.html>

New skin imaging device at Aut Even.

"...Molemax 3 is internationally recognized as the most effective device ... for the differentiation between the benign and malignant tumors of the skin..." Now also in Ireland. August 17, 2007
<http://www.irishmedicalnews.ie/articles.asp?Category=news&ArticleID=19260>

Industry, economics

Alloectin-7(R) May Offer Patients a New Option for Advanced Melanoma.

"Skin cancer specialists at the Horizon Institute for Clinical Research are recruiting patients into a large Phase 3 study to evaluate the safety and effectiveness of Alloectin-7(R), an investigational product for advanced melanoma." August 20, 2007
<http://www.pharmalive.com/News/index.cfm?articleid=468887&categoryid=21>

Genta Initiates Phase 3 AGENDA Trial of Genasense for Patients With Advanced Melanoma.

"The AGENDA study is limited to patients whose baseline LDH is less than 0.8 times the upper limit of normal." August 21, 2007
<http://money.cnn.com/news/newsfeeds/articles/primenewswire/125334.htm>

Advance Life keeps plugging in the lab.

Biotech company problems, especially with antibiotics. Discusses small firm that also has drug ALS which shrunk mouse melanoma tumors, and is nearing human testing. August 21, 2007
<http://www.suntimes.com/business/pincus/518407,cst-fin-pincus21a.article>

Samuel Herschkowitz, M.D. Resigns as Director of Delcath.

The Delcath system is being tested on several stages of metastasized melanoma. August 20, 2007
<http://www.genengnews.com/news/bnitem.aspx?name=22037040>

Articles focused on individuals

Nigel's mountain challenge.

A businessman "wants to climb Britain's highest mountain...while carrying a hod of bricks on his back..." To set up the Ian Emery Melanoma Foundation, for best friend. August 20, 2007
http://iccoventry.icnetwork.co.uk/0100news/0100localnews/tm_headline=nigel-s-mountain-challenge&method=full&objectid=19663385&siteid=50003-name_page.html

Albert, 71, runs for wife.

"A devoted 71-year-old husband is running his first ever race in honour of his wife who has bravely battled cancer three times." Sept. 9, to benefit Cancer Research. "I want people to know the good work that Cancer Research do." August 21, 2007
http://www.manchestereveningnews.co.uk/news/s/1014/1014087_albert_71_runs_for_wife.html

Doing the downward spiral.

Musicians who do not live exemplary lives. Includes here Bob Marley whose religious beliefs kept him "from letting doctors remove a malignant melanoma on his toe, which eventually caused cancer to spread to his brain, lungs, liver and stomach." August 21, 2007
<http://www.hfxnews.ca/index.cfm?sid=55802&sc=95>

Area restaurateur Regan dies at 59.

Of melanoma. Owned many popular restaurants in Gainesville. August 22, 2007
<http://www.gainesville.com/article/20070821/NEWS/708210314/0/news>

County news briefs. 6th and last item. Aug. 24 benefit assists Staniszewski.

A local school district employee is "struggling with stage-four melanoma cancer and is undergoing treatment every day in Rockford." August 22, 2007
http://www.midweeknews.com/articles/2007/08/22/local/de%20kalb_county/dekalbcounty05.txt

Jahnke, firefighter fought for insurance.

A district chief dies at 59 after suffering melanoma for 10 months. Could not participate in an experimental trial because health insurance would not cover it. August 16, 2007
<http://www.chron.com/dispatch/story.mpl/metropolitan/5061428.html>

Lindsay Lohan's Mother Visits Star In Utah Rehab – Father Says Detox Center Should Not Have Let Daughter Go To Tanning Salon.

August 22, 2007
http://www.bestsyndication.com/?q=082107_lindsay_lohan_reunion_with_mother_at_rehab.htm

Strength, healing found in sharing at Olivia's House.

Program at Olivia's House helps children face fears and grief after losing a relative. Includes experience of an anesthesiologist who brought his teenage children to center after his wife died of melanoma. August 20, 2007
http://www.yorkdispatch.com/local/ci_6669962

Beckham scores again with a gift.

Gives autographed jersey to "Allison Whalen, a 16-year-old soccer player who begins chemotherapy treatment next week for skin cancer." August 17, 2007
<http://www.latimes.com/sports/soccer/la-sp-beckham17aug17,1,2556065.story?coll=la-headlines-sports-soccer>

Vitamin D – benefits and sources

Study Shines More Light On Benefit Of Vitamin D In Fighting Cancer.

Dr. C. F. Garland at Univ. of California et al. examined "the relationship between vitamin D serum levels and the risk of colon and breast cancer across the globe....." If vitamin D3 levels were at those proposed by researchers, "250,000 cases of colorectal cancer and 350,000 cases of breast cancer could be prevented worldwide...." In August, *Nutrition Reviews*. August 21, 2007
<http://www.sciencedaily.com/releases/2007/08/070821163248.htm>

Report Highlights Benefits of Vitamin D Supplements for Senior Citizens.

An independent report highlighting evidence for bone health benefits in older women and men from vitamin D supplements will be the basis of the NIH conference Sept. 5-6 on Vitamin D and Health in the 21st Century: An Update. Report produced by the Univ. of Ottawa Evidence-based Practice Center. August 20, 2007
<http://www.seniorjournal.com/NEWS/Nutrition-Vitamins/2007/7-08-20-ReportHighlights.htm>

Exposure to the sun could be bad for the skin, but can help prevent breast cancer.

Impressions of a study many articles discussed earlier. "The key ingredient is the valuable Vitamin D that exposure to the sun provides...." August 18, 2007
<http://www.topcancernews.com/news/1142/1/Exposure-to-the-sun-could-be-bad-for-the-skin,-but-can-help-prevent-breast-cancer>

Tanning – UV and non-UV

Tanning your hide a complex thing.

Well-written article but no clear or simple message – a young woman caught between fashionable beauty messages and health messages, weighing vanity vs. health. August 19, 2007
http://www.dailynews.com/theiropinion/ci_6665252

Glow or no glow? Self-tanning products elicit widely varying responses from our testers.

Seven products. "[M]any of the products, the panelists said, didn't deliver what they promised...." August 20, 2007
<http://www.newsobserver.com/105/story/676243.html>

Senior portraits more personalized than ever.

New fashions in photographing high school seniors. Mentions a senior who tans in her own tanning booth, followed by a mother who wants her daughter to look natural! August 21, 2007
<http://zanesvilletimesrecorder.com/apps/pbcs.dll/article?AID=/20070821/NEWS01/708210301/1002>

Sunscreen

Safety and claims

Do Nanoparticles and Sunscreen Mix?

Titanium dioxide or zinc oxide well known – "the white stuff lifeguards slather on their noses." Can be made clear by "shrinking it into tiny particles between one and 100 nanometers." Concerns of consumer groups; views of neurotoxicologist B. Veronesi of EPA; powers of FDA; proposal of the Royal Society (the U.K.'s national science academy). August 20, 2007
<http://www.sciam.com/article.cfm?chanID=sa004&articleID=84355695-E7F2-99DF-32AE048E858F385C>

CNS-UCSB Researcher Reacts to Report on Sunscreen Threat to Human Health.

A Professor of Political Science at Univ. of California praises idea behind Friends of Earth report on sunscreen with nanoparticles: Report will advance public debate about the safety of chemicals in cosmetics. August 15, 2007
http://www.nanotech-now.com/news.cgi?story_id=24474

Commentary: Do Personal-Care Products Need a Makeover?

"...[W]orry over endocrine health as ingredients in these products are shown to be hormonally active." Toxicologist with CT Dept of Public Health notes that seemingly minor items can temporarily feminize men. Discusses specific chemicals, including some in sunscreens. How to regulate, given that in each product, the problem chemical is present in amounts too trivial to regulate. August 20, 2007
<http://www.emagazine.com/view/?3869>

Sunscreen lotions may be all hype.

Some scepticism about claims, as from Dr. D. Rigel. Also on the EWG study. August 17, 2007
<http://www.deccanherald.com/Content/Aug182007/living2007081719736.asp>

Other

Summer sizzler out of the question.

Advice not so good: says residents won't need sun block because temperatures will be cool. August 20, 2007
http://www.worcesternews.co.uk/news/wnnewslatest/display.var.1630377.0.summer_sizzler_out_of_the_question.php

It's best to cover up for protection from dangerous sun.

"If you find yourself running close to or during those peak hours, cover all exposed skin with a layer of sunscreen with SPF 30 or higher." August 21, 2007
<http://newsok.com/article/3106985>

Weather or Not.

Last week's PGA Championship "was officially the hottest major Championship ever recorded." Should "carry sunscreen and lip protection with a minimum SPF (Sun Protection Factor) of 30 -- and probably higher -- especially if you have fair skin and burn easily." August 21, 2007
http://www.pga.com/improve/tips/rickmartino/weathertips_082107.cfm

Fun in the sun.

"Exercising in the heat can be safe -- so long as you take certain precautions..... Choose an SPF of at least 35. And don't forget lips and ears. Heck, make this a team sport for those hard to reach places!" August 15, 2007
<http://www.ocregister.com/column/strong-water-hikers-1810831-sure-time>

Amazing Soap Makes Sun Protection A Breeze.

About the soap with sunscreen. Article says an FDA-approved testing facility found it gives an SPF of only 4.3. August 22, 2007
<http://www.emediawire.com/releases/2007/8/emw548039.htm>

Putting a wrinkle in Father Time's plan; Signs of aging can be slowed with modern intervention.

Mostly chats about anti-aging treatments. Mentions SPF protection and a few caveats by some dermatologists about effectiveness of anti-aging products. August 20, 2007
<http://www.stcatharinesstandard.ca/webapp/sitepages/content.asp?contentid=660322&catname=Spectrum&classif=>

Other protective products

Parasol power. Sun umbrellas reign supreme as latest New York fashion must.

"The parasol is more often associated with women pacing the sweltering sidewalks of Manila, Bangkok and Beijing than the streets of Brooklyn and Manhattan." No more. August 15, 2007
http://www.nydailynews.com/lifestyle/2007/08/15/2007-08-15_parasol_power.html

Umbrellas in the sun.

"...[P]arasols are traditionally part of the female accessory in Japan...." No more. Some Japanese men organize! Photo with "three members of the 'Okinawa Friends of Parasol' proudly holding their 'men's parasols' in an attempt to convince their fellowmen to follow suit." August 18, 2007
<http://home.kyodo.co.jp/modules/fstPhotos/index.php?photoid=23293>

Ask the expert: Melissa Papock.

Cabana Life founder was diagnosed with a malignant melanoma at 26. Has sun-protective clothing line. Clients include Madonna and Gwyneth Paltrow. August 16, 2007
<http://www.suntimes.com/lifestyles/shopping/512925,CST-NWS-expert16.article>

Energy Film on windows.

A thin, nonreflective window film that is applied directly to window surfaces. "The film blocks 65 percent of solar heat and 99 percent of harmful UV rays in the summer...." August 19, 2007
<http://www.orlandosentinel.com/features/home/orl-homebase1907aug19,0,1693736.story>

Special skin-cancer related events

Relay targets 'monster.'

"Cancer is a 'monster' of a disease in the words of Jerry Snyder, this year's co-chair of the Relay for Life at Old Memorial Stadium at K-State. Sometimes that monster gets the best of people. But not all the time." Survivor's story will come from melanoma survivor. August 18, 2007
<http://www.themercury.com/News/article.aspx?articleId=80d4e2ff7bd143dda8ebcd3e7d88c31d>

Celebrating beauty and good health.

Spa owner (no tanning) on opening day will donate proceeds to the American Cancer Society. August 17, 2007
<http://oakleypress.com/article.cfm?articleID=17212>

Gannett donates \$30,000 to 12 nonprofits.

The Wellness Community of Delmarva received \$1,000 for educational programs about melanoma and prostate cancer.
August 19, 2007
<http://www.delmarvanow.com/apps/pbcs.dll/article?AID=/20070819/NEWS01/708190338/1002>

Website Tips on Cancer.

A Nottingham-based skin cancer charity has launched its own website to raise the profile of the disease. The Karen Clifford Skin Cancer Charity – “will target the most at-risk groups, including outdoor workers and sportsmen.” August 16, 2007
<http://www.thisisnottingham.co.uk/displayNode.jsp?nodeId=176452&command=displayContent&sourceNode=134483&contentPK=18123156&folderPk=78482&pNodeId=134462>

Miscellaneous

Environment, health connection significant.

“The thinning of the ozone layer increases the possibility of contracting skin cancer.... Nova Scotia's government has already established a provincial environmental-health secretariat. Reinforcing the connection between the two issues will take on increased significance in the future.” August 21, 2007
<http://www.hfxnews.ca/index.cfm?sid=55790&sc=90>

Canadians go green with worry: new poll.

Canadian Medical Association survey finds that a “majority of Canadians are worried about how pollution and other environmental perils at home and abroad are hurting their health.... One in four Canadians have sought medical treatment for a problem they believe was caused by the environment, ranging from asthma to skin cancer.” August 20, 2007
<http://www.canada.com/saskatoonstarphoenix/news/national/story.html?id=1836fb4d-407f-4611-b4fb-286681523728>

Cancer survival rates lower in the UK.

“British survival rates remain below average and are similar to those of some eastern European countries where healthcare funding is less than a third of that in the UK.” August 21, 2007
<http://itn.co.uk/news/050a8aeeb27b99ebfaaf1b0bd3927d17.html>

Why is the UK lagging on cancer?

Several speculations. August 21, 2007
<http://news.bbc.co.uk/2/hi/health/6956446.stm>

Past radiotherapy for acne may raise breast cancer risk.

Study done only on women with skin cancer, but findings probably apply to any woman who received the radiotherapy.
[Registration] August 17, 2007
<http://www.therapeuticsdaily.com/news/article.cfm?contentValue=1472644&contentType=sentryarticle&channelID=28>

Beauty skin deep, but without surgery. Botox, chemical peels grow more popular.

“In March, the American Society of Plastic Surgeons reported nearly 11 million surgical and nonsurgical cosmetic procedures in 2006, a 7 percent increase from 2005.” August 19, 2007
<http://www.al.com/news/birminghamnews/wire.ssf?/base/news/1187512964155280.xml&coll=2>

Replanting brings life to playground.

School plants shady trees, but not for UV reasons. August 20, 2007
http://www.princegeorgecitizen.com/index.php?option=com_content&task=view&id=104172&Itemid=159

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Ilona Melstrads](#)
To:
Bcc: [Drusilla Hufford](#)
Subject: SunWise News Roundup December 17, 2008
Date: 12/17/2008 03:26 PM



News Roundup Wednesday December 17, 2008

Skin cancer prevention / awareness: events

Framingham ninth-graders helping skin cancer research.

Every ninth-grader in town to be screened. A. Geller of Boston Univ. "said researchers hope to understand the first stages of how healthy moles change over time and sometimes turn into tissue that can lead to melanoma." To improve prevention. With Sloan-Kettering and local schools; high 88% participation in follow-up. December 10, 2008

<http://www.metrowestdailynews.com/news/x1887876204/Framingham-ninth-graders-helping-skin-cancer-research>

American Academy of Dermatology Issues Statement on FDA Report to Congress About Labeling Information on Indoor Tanning Devices.

"... [T]he Academy strongly believes that a warning label on the tanning equipment simply is not enough to influence an individual's decision to forego tanning. We hope that the TAN Act is a first step that will lead to more impactful legislation and regulation at the state and federal levels, which will restrict access to indoor tanning facilities for at least minors...." December 15, 2008

<http://www.marketwatch.com/news/story/American-Academy-Dermatology-Issues-Statement/story.aspx?guid=%7BC02FCF46-C89F-4816-A390-80605FD4AE81%7D>

Spectator editorial: Tanning teens. Laws designed to curb teenage use of indoor tanning good.

Despite no change in teen tanning, existence of such laws is good. (1) But laws could use enforcement help from more organizations. (This is first time we found in internet news the recommendation that insurers raise premiums for tanners.) (2) The laws re-enforce message that "a cultural change is needed to show the negative ramifications of tanning during the developing years of teenagers." December 11, 2008

<http://media.www.spectatornews.com/media/storage/paper218/news/2008/12/11/Editorialopinion/Spectator.Editorial.Tanning.Teens-3577504.shtml>

Parental permission not slowing teen tans. Worry: Unlimited visits a week causing long-term damage?

Several people comment on a law that requires "parents to sign a consent form once a year in order for minors use tanning booths." A tanning salon owner notes a loophole in law that could allow teens to "tan more than their parents might want."

December 13, 2008

<http://www.standard.net/live/news/158737>

Tanning Salons, Voting, Booster Seats Among Year-End Legislation [in Ohio].

Mentions House Bill 230 only at end of article. Would set age limit for tanning salons. Article fails to mention that this bill, sponsored by a Republican, would not have the parental permission problem of many state laws. This bill prohibits all under 18 unless a physician prescribes UV. December 15, 2008

<http://www.nbc4i.com/midwest/cmh/politics.apx.-content-articles-CMH-2008-12-15-0028.html>

Dermatologists Applaud Passage of Tanning Salon Regulation [in Michigan].

House Bill 4146 passed, "requiring onsite parental consent for anyone under 18, larger warning signs in tanning facilities listing potential health consequences, and a signed informed consent form for all customers." December 12, 2008

<http://uk.sys-con.com/node/776301>

Sun-god slaves making a nation's mole problem a mountain.

In the context of still increasing skin cancer rates, discusses Australia's SunSmart message, and whether it has lost its punch. Maybe should focus on high schools and school buildings with shaded spaces; "public campaigns to target the most at-risk groups rather than continue with a general 'cover up' message." December 14, 2008

<http://www.theage.com.au/national/sungod-slaves-making-a-nations-mole-problem-a-mountain-20081213-6xy4.html>

Skin cancer awareness

Coolibar and Children's Melanoma Prevention Foundation Recognized for Teaching Teens Sun Safety.

The American Academy of Dermatology awarded its Gold Triangle Award to M. Mills Barrow, co-founder of Coolibar, and M. Maguire-Eisen, "executive director of the Children's Melanoma Prevention Foundation, for their 'Pretty Prom: Your Skin is Pretty Too' and 'Lake Vacation' books." December 16, 2008

<http://www.prweb.com/releases/2008/12/prweb1755134.htm>

Questions over Al Bino's gruesome anti-skin cancer video.

"A gruesome anti-skin cancer video is bouncing around the internet...." The Cancer Council of Australia disclaims responsibility. December 17, 2008

<http://www.news.com.au/dailytelegraph/story/0,22049,24814552-5001021,00.html>

Protect Your Skin Year-Round. Sun exposure should be a concern year-round, not just in the summer months.

"The combination of higher altitude and ultraviolet (UV) rays reflected by the snow puts skiers and snowboarders at an increased

risk of sun damage and ultimately, skin cancer." December 16, 2008
<http://www.thedenverchannel.com/health/18292231/detail.html>

How many sunburns can your skin take?

The SunSmart campaign of the Cancer Association of South Africa. December 13, 2008
http://www.iol.co.za/index.php?set_id=1&click_id=13&art_id=vn20081213084032333C389262

Beating skin cancer as easy as A-B-C-D.

"Ultraviolet (UV) rays from the sun and tanning machines remain the main risk factor but the danger is also influenced by a person's skin type." December 17, 2008
http://www.chinadaily.com.cn/life/2008-12/16/content_7309135.htm

Skin cancer. Tell Me About . . . By DR Y.L.M.

Skin cancer and sun safety from Malaysian perspective. Avoiding sunlight not answer but "you can certainly reduce your exposure to the sun, such as by not going out in the scorching sun between 10am to 2 pm ... and by avoiding artificial tanning." December 13, 2008
<http://thestar.com.my/health/story.asp?file=/2008/12/14/health/2784073&sec=health>

Skin cancer data and risk

Coffs the new Cancer Coast of NSW [New South Wales in Australia].

Coast has 20% higher rate than the state. "Poor solar protection behavior and possibly more time spent outdoors in coastal communities...." December 15, 2008
<http://www.coffscostadvocate.com.au/story/2008/12/15/cancer-coast-of-nsw-be-patient-during-the-holidays/>

Fertility drugs 'link' to cancer.

Dr. R. Calderon-Margalit at Hadassah-Hebrew Univ. found that fertility drugs raise risk of womb cancer three-fold. Also found "smaller but significant increases in rates of ... malignant skin cancer... linked to the drugs." December 14, 2008
http://www.google.com/hostednews/ukpress/article/ALeqM5iciRG_ndinUJ5I98B2DYd0x1mBbg

UV, ozone layer

New Rule Aims to Reduce Ozone-Depleting Chemical by 75 Percent.

HCFCs: "The proposed rule states that consumption and production in the U.S. will be reduced by at least 75 percent in 2010." December 15, 2008
<http://ohsonline.com/Articles/2008/12/15-EPA-Aims-to-Eliminate-Ozone-Depleting-Chemicals.aspx>

Stepping it Up: Measures Taken to Help Accelerate the Phase Out of Ozone Depleting Chemicals.

R. J. Meyers of EPA indicates that the proposed EPA rule will both "help restore the ozone layer and address climate change." December 12, 2008
<http://yosemite.epa.gov/opa/admpress.nsf/0/79614df16c55bd318525751d00677589?OpenDocument>

Ozone protection feels the heat.

HFCs, as substitutes for HCFCs, are benign for the ozone-layer but are also potent global warming gases. December 16, 2008
<http://news.bbc.co.uk/2/hi/science/nature/7784531.stm>

Dangerous Sea Level Rise Imminent Without Large Reductions of Black Carbon and Implementation of Other Fast-Action Mitigation Strategies.

Why sea level changes may be imminent, why the Montreal Protocol worked for ozone and should be model for climate change, etc. December 11, 2008
<http://www.marketwatch.com/news/story/Dangerous-Sea-Level-Rise-Imminent/story.aspx?guid=%7B4A4237D2-E49F-4E36-BF6F-632232ED133E%7D>

Ozone holes and cosmic rays.

Gentle debunking of Dr. Lu's view that instead of CFCs, cosmic rays cause most ozone layer depletion. December 14, 2008
<http://www.realclimate.org/index.php/archives/2008/12/ozone-holes-and-cosmic-rays/>

Vietnam needs \$15 million to cut HCFC gas use.

December 14, 2008
<http://english.vietnamnet.vn/tech/2008/12/818518/>

The EPA Goes All COPS On Environmental Criminals.

"The EPA has launched a new website hoping to enlist the public and law enforcement in capturing fugitives accused of environmental violations.... Some of the alleged violations are the smuggling of ozone-depleting substances...." December 12, 2008
<http://redgreenandblue.org/2008/12/12/the-epa-goes-all-cops-on-environmental-criminals/>

EPA lists worst environmental fugitives.

"Call them the enemies of the Earth." December 11, 2008
<http://www.azcentral.com/arizonarepublic/news/articles/2008/12/11/20081211enviro-fugitives1211.html>

Regional: Federal Officials Unveil List of Most Wanted Environmental Fugitives.

"The U.S. Environmental Protection Agency posted the list of 23 'environmental fugitives' on its Web site...." December 11, 2008
<http://cbs5.com/localwire/22.0.html?type=bcn&item=ENVIRONMENTAL-FUGITIVES-baglm>

Business in the courts. Second item. Honeywell wins patent ruling in Solvay lawsuit.

Involves alleged infringement of a 2004 patent for "pentafluoropropane, a possible substitute for chlorofluorocarbons, or CFCs...." Honeywell the first inventor and Solvay patent invalid. December 14, 2008
<http://www.delawareonline.com/article/20081214/BUSINESS/812140321/1003>

Next Safety Develops an Air-Based Asthma Medication Inhaler That Does Not Use a Refrigerant Propellant.

Manufacturer claims its device is superior to both the expiring CFC propellant and the new substitute HFA propellant. December 15, 2008
<http://www.marketwatch.com/news/story/Next-Safety-Develops-Air-Based/story.aspx?guid=%7BCDD9D5A0-14AC-43F3-B1FC-19DB4AED02B8%7D>

UV and eyes

All eyes on sun sense at Mt Eden Normal.

NZ optometrist donates sunglasses to 140 kids at son's school. December 17, 2008
<http://www.stuff.co.nz/stuff/sundaystartimes/auckland/4794861a6497.html>

Prevention and Eyecare Begin at Home.

Transitions Optical has website with Spanish language option. December 16, 2008
http://www.extranews.net/news_pr.php?nid=13287

Optician has eye on Indians' welfare.

Eyecare Trust is "collecting sunglasses to send to India where 77 per cent of all blindness is due to cataracts – which can be prevented by wearing UV protection sunglasses." December 12, 2008
<http://www.portsmouth.co.uk/news/Optician-has-eye-on-Indians39welfare.4785990.jp>

SAD in winter

SAD? Go toward the bright light.

Improvement in the delivery of the needed bright light for relief of SAD, minus the UV not needed. December 13, 2008
<http://waldo.villagesoup.com/Community/story.cfm?storyID=138288>

General biomedical and cancer research

Tom Feilden's Blog.

Dec. 16 article notes lack of treatments arising from stem cell research, and hopes that Pfizer's \$100 million funding at 2 universities will change situation. Dec. 11 article worries that rules associated with public funding of research and expectation of immediate usefulness stifle needed breakthroughs. December 16, 2008
<http://www.bbc.co.uk/blogs/today/tomfeilden/>

Get a Deep Insight into the World Gene Therapy Market.

A new market research report provides analysis from 2007 through 2015. December 16, 2008
<http://www.marketwatch.com/news/story/Get-a-Deep-Insight-World/story.aspx?guid=%7B96FA76B9-2988-440C-A323-5EDBD095A85D%7D>

Mouse Studies Show Gene Therapy Method Holds Promise in Targeting Tumor Blood Vessels for Destruction.

Dr. S. K. L butti, et al. of NCI and Dr. R. Pasqualini of M.D. Anderson developed "a novel method for delivering a therapeutic gene specifically to the blood vessels of tumors in mice." Involves a protein now used to treat melanomas but other cancers require new delivery methods. December 17, 2008
<http://www.nih.gov/news/health/dec2008/nci-17.htm>

New Anti-tumor Gene Identified.

Dr. P. B. Fisher et al. of Virginia Commonwealth Univ. identified "a new anti-tumor gene called SARI that can interact with and suppress a key protein that is overexpressed in 90 percent of human cancers." Includes melanoma tumors. NIH funding. December 16, 2008
<http://www.sciencedaily.com/releases/2008/12/081216131011.htm>

On new skin cancer research

Tumor Suppressor Gene: Gene Function 'Lost' In Melanoma and Glioblastoma.

Dr. T. Waldman et al. of Georgetown, NCI, Univ. of Iowa and Duke demonstrate that the gene PTPRD is "inactivated in two aggressive cancers – malignant melanoma ... and [in] a lethal brain tumor." When restored function, cancer tumors died. *Cancer Research*. December 15, 2008
<http://www.sciencedaily.com/releases/2008/12/081215074349.htm>

Lost Gene Could Spur Deadly Cancers.

Dr. T. Waldman's study. "Most targeted cancer drugs today work by inhibiting gene products that are overactive in cancer cells.... In this case, it is loss of the PTPRD gene that leads to cancer." December 16, 2008
http://www.ivanhoe.com/channels/p_channelstory.cfm?storyid=20370

Two Drugs Kill Resistant Melanoma Cells In Preclinical Study.

Dr. W. E. Carson et al. of Ohio State showed that "combining the biologic therapy interferon-alpha (IFNa) with the drug bortezomib causes melanoma cells to self-destruct...." December 13, 2008

<http://www.emaxhealth.com/2/95/27537/two-drugs-kill-resistant-melanoma-cells-preclinical-study.html>

Tiny Delivery System with a Big Impact on Cancer Cells.

M. Kester et al. of Penn State "are reporting for the first time that nanoparticles 1/5,000 the diameter of a human hair encapsulating an experimental anticancer agent, kill human melanoma and drug-resistant breast cancer cells growing in laboratory cultures."

December 15, 2008

<http://www.sciencedaily.com/releases/2008/12/081215151147.htm>

Arizona Cancer Center, Raytheon Receive Grant for Cancer Detection Technology Study.

Science Foundation of Arizona funds Arizona Cancer Center on how "to adapt satellite remote-sensing technology, now used to image a battlefield, to hopefully one day image the human body for medical purposes." For early detection of melanoma.

December 16, 2008

<http://uanews.org/node/23075>

University lab finding genes that slow cancer, Dr. Danny Welch tells Laureate Society of Palm Beach.

Mentions he "submitted a \$3 million grant proposal to the National Cancer Institute to further test a gene that could block the spread of melanoma...." December 16, 2008

<http://www.palmbeachdailynews.com/news/content/news/2008/12/16/Laureate1217.html>

Austrian scientists make progress in anti-skin cancer vaccine.

D. Breiteneder and C. Hafner of the Univ. of Vienna discuss the preliminary results in slowing the growth of melanoma in animal models. December 16, 2008

http://news.xinhuanet.com/english/2008-12/17/content_10515289.htm

UTHSC [University of Tennessee Health Science Center] Professors Receive Patents.

Near end, article mentions that A. Slominski received patents "for new ways to potentially treat melanoma and skin cancer."

December 17, 2008

<http://www.memphisdailynews.com/editorial/Article.aspx?id=39972>

Additional recent articles on skin cancer items listed in earlier roundups

NYU Langone Medical Center - Medical Breakthroughs of 2008. Second item.

"A cancer vaccine developed by Dr. Nina Bhardwaj of the NYU Cancer Institute is showing promise in patients with melanoma."

December 14, 2008

http://www.healthnewsdigest.com/news/National_30/NYU_Langone_Medical_Center_-_Medical_Breakthroughs_of_2008.shtml

Skin cancer detection and treatment

Pocket Skin Cancer Detector.

In 2 years, from Norway, a "hand-held device straight out of Star Trek's sick bay will soon be available to diagnose skin cancer." Successful tests at the Mayo Clinic. December 12, 2008

http://www.newsmax.com/health/skin_cancer_detector/2008/12/12/161138.html

Cameras revolutionize dermatology treatment in Bridgend and Neath Port Talbot.

General practitioners can transmit to consultants more objective information on skin lesions needing specialist evaluation when they transmit photographs rather than only written notes or text. Efficiency savings. December 15, 2008

<http://www.walesonline.co.uk/news/health-news/2008/12/15/cameras-revolutionise-dermatology-treatment-in-bridgend-and-neath-port-talbot-91466-22475816/>

Guidelines flaw accusation rejected by ACD [Australasian College of Dermatologists].

Involves use of imiquimod in non-melanoma skin cancers. Not approved by Australian equivalent of FDA. But ACD says its guidelines did not say drug was to be the primary treatment. December 17, 2008

<http://www.6minutes.com.au/articles/z1/view.asp?id=433942>

Cholesterol tests keep multiplying. Second item.

Differentiates between actinic and seborrheic keratoses, the former to be removed as potential precursors of skin cancer.

December 11, 2008

<http://www.kilgorenewsherald.com/news/2008/1211/advice/010.html>

MUHC [McGill Univ. Health Center] surgeon performs first-of-its kind procedure in Quebec

Performed isolated limb infusion procedure for recurrent melanoma. December 16, 2008

http://www.muhc.ca/media/news/item/?item_id=103401

The face of health-care reform. When you balk at the cost of providing universal health care or hear of gridlocked health-care reform, remember Patricia Mackie.

One example among the thousands of people who the author claims die unnecessarily because of lack of or delayed care in absence of insurance. Delayed surgery for melanoma. December 14, 2008

<http://www.chron.com/dispatch/story.mpl/editorial/outlook/6163057.html>

Hope Lodge eases cancer's burden.

Provides lodging for cancer patients and their families. Some of the patients mentioned may have been suffering from skin cancer. December 15, 2008

<http://www.press-citizen.com/article/20081215/NEWS01/812150315/1079>

Industry, economics

Synta Earns \$15 Million from GlaxoSmithKline for Achieving Elesclomol Milestones.

"Elesclomol is currently being studied in combination with paclitaxel in an on-going Phase 3 clinical trial ... in metastatic melanoma." December 15, 2008

<http://www.pharmpro.com/ShowPR.aspx?>

PUBCODE=021&ACCT=0000100&ISSUE=0812&RELTYPE=IN&PRODCODE=0000&PRODLETT=IF&CommonCount=0

New Dawn for Sun Care.

Market trend article notes that recent growth often due to public health campaigns; but now "the emphasis on cancer prevention has increasingly been superseded by a focus on the link between unprotected exposure to the sun and premature skin aging."

December 12, 2008

<http://www.skininc.com/treatments/suncare/36062834.html>

Med Spa Industry Virtually Unregulated In Illinois.

Could be dangerous if non-medical personnel deal with undiagnosed skin cancer. December 16, 2008

<http://cbs2chicago.com/specialreports/med.spa.regulations.2.889146.html>

Articles focused on individuals

Santa Airlines lifts kids' spirits.

"Flights" to Santa's home cheer up ill children, including a 3-year old with melanoma. His mother "said doctors have told the family that Nollenn's case is unlike any other they've seen in research. As a result ... doctors have not offered a prognosis...." December 13, 2008

<http://www.jsonline.com/news/milwaukee/36115844.html>

Fighting Melanoma.

A young man diagnosed with melanoma as a teenager finds it has spread. Physician notes that "I've seen about a dozen teenagers with melanoma here [Florida] in the last couple of years...." December 15, 2008

<http://www.firstcoastnews.com/news/health/news-article.aspx?storyid=125865&catid=10>

Benefit concert set to help young cancer victim.

20-year old with stage 4 melanoma learns it has spread to bones. December 14, 2008

<http://www.miamiherald.com/news/broward/pembroke-pines/story/809874.html>

Gov. Riley to have skin cancer removed.

"Basal cell carcinoma is a common form of cancer, with about 1 million new U.S. cases a year, the Skin Cancer Institute said." December 12, 2008

<http://www.tuscaloosanews.com/article/20081213/NEWS/812120237/1007/NEWS02?>

Title=Gov__Riley_to_have_skin_cancer_removed

State Theatre's Freddy coordinator Vic Kumba loses battle with cancer.

48-year old dedicated man of the theater dies of melanoma. December 11, 2008

http://www.lehighvalleylive.com/entertainment-general/index.ssf/2008/12/state_theatres_freddy_coordina.html

David (Dave) M. Mueller .

52-year mechanical designer and sportsman dies of melanoma. December 17, 2008

<http://www.sheboyganpress.com/article/20081217/SHE010301/812170405/1067/SHE01>

In honour of Kenny...

Concert for drummer who died some time ago of melanoma at 55, to benefit the Myfanwy Townsend Melanoma Research charity. December 17, 2008

<http://www.halifaxcourier.co.uk/news/In-honour-of-Kenny.4798567.jp>

Longtime school teacher dies.

A popular language arts teacher dies at 55 of melanoma diagnosed 2 years ago. December 15, 2008

<http://www.riverfallsjournal.com/articles/index.cfm?id=89926>

IBA West Staff Zimmerman Passes.

Lady broker dies of melanoma. December 15, 2008

<http://www.insurancejournal.com/news/west/2008/12/15/96306.htm>

Sandra Rogers.

Dies at 67 after a 1989 melanoma diagnosis and a 2008 metastatic melanoma diagnosis.

December 17, 2008

<http://www.messengernews.net/page/content.detail/id/511374.html>

Bill Juergensmeier dies.

71-year old engineer and outdoorsman dies of melanoma. December 16, 2008

<http://www.summitdaily.com/article/20081216/NOTES/812169963/1078&ParentProfile=1055&title=Bill%20Juergensmeier%20dies>

Teacher had fought cancer for 38 years.

"Mrs. Nutter first learned she had melanoma in 1970." December 12, 2008

<http://toledoblade.com/apps/pbcs.dll/article?AID=/20081212/NEWS13/812120378/-1/NEWS>

Robert A. Orr, 90, retired company chair.

Mentions that he established an award in honor of son "who died of melanoma in 2002." December 17, 2008
http://www.philly.com/philly/obituaries/20081217_Robert_A_Orr_90_retired_company_chair.html

Boys Basketball. Milby boys on the upswing.

Coach returns after surgery removing a malignant melanoma. December 16, 2008
<http://www.chron.com/disp/story.mpl/sports/hso/6167788.html>

Vitamin D – benefits and sources

WHO calls for major clinical trial for vitamin D.

The International Agency for Research on Cancer of the WHO reviewed studies of numerous conditions and vitamin D levels. It called for a large-scale, "drug-style clinical trial" of the vitamin because the prevalent epidemiological studies associating low D levels with disease risk do not indicate cause and effect relationship. December 11, 2008
<http://www.theglobeandmail.com/servlet/story/RTGAM.20081211.wlvitamin11/BNStory/specialScienceandHealth/home>

Grassroots health organization says Vitamin D effective in fighting breast cancer.

"Doctors say there are more than 2,000 studies showing the benefits of proper levels of vitamin D." (Few could scientifically establish cause and effect relationship.) December 17, 2008
<http://www.wbir.com/news/national/story.aspx?storyid=71878&catid=3>

Bring me sunshine ... and health.

O. Gillie's views and the background behind his message about lack of vitamin D and bad health in Scotland. (Article does not mention possible other sources of Scotland's health problems.) O. Gillie is not a physician but has a Ph.D. in genetics. December 16, 2008
http://www.theherald.co.uk/features/otherfeatures/display.var.2475459.0.Bring_me_sunshine_and_health.php

Lack of Vitamin D Causes Weight Gain and Stunts Growth in Girls.

"... [Y]oung women with vitamin D insufficiency were significantly heavier ... and increased abdominal fat...." December 11, 2008
<http://www.sciencedaily.com/releases/2008/12/081210122238.htm>

Vitamin D Deficiency and Mortality in Kidney Disease.

Technical discussion of studies and treatment in kidney disease, but also Vitamin D links with cardiovascular disease. "There is a theoretical benefit to repleting 25-hydroxyvitamin D in dialysis patients in addition to use of activated vitamin D." Waiting for more clinical trial results. December 12, 2008
<http://www.medscape.com/viewarticle/584912>

What you need to know about Vitamin D (part 3). How Long is Too Long in the Sun?

Industry website mentions that being in "the sun too long without protection can lead to skin cancers." Some recommendations at odds with those of dermatologists: "Don't be scared of the tanning bed," since UV can raise vitamin D concentration in blood. December 13, 2008
<http://www.examiner.com/x-1983-Charlotte-Weight-Loss-Examiner~y2008m12d12-What-you-need-to-know-about-Vitamin-D-part-3>

Up your calcium naturally now to avoid osteoporosis at any age.

"Osteoporosis can make your bones snap like a twig." Advice from Dr. A. Gibstein of NYU. December 13, 2008
<http://www.examiner.com/x-914-NY-Wellness-Examiner~y2008m12d12-Up-your-calcium-naturally-now-to-avoid-osteoporosis-at-any-age>

Slip, slop, slap on the wrist over sun.

A person observes that a lot of the hype about vitamin D is just an excuse for the young to ignore sun safety. December 13, 2008
<http://www.smh.com.au/news/national/slip-slop-slap-on-the-wrist-over-sun/2008/12/13/1228585181501.html>

Tanning – UV and non-UV

Health Briefs.

Skin Cancer Foundation warns that frequent tanners using new high-pressure sunlamps get 12 times more radiation than with sun. December 14, 2008
http://www.projo.com/health/content/lb_health_shorts1214_12-14-08_RGCKA77_v8.27e4057.html

Death to the 'healthy' tan.

"The myth of the 'healthy tan' is ... difficult to erase from the lay person's mind, especially the South African mind: we consider the carefree outdoor summer lifestyle our birthright." December 16, 2008
http://www.health24.com/medical/Condition_centres/777-792-823-1843,49055.asp

Sunscreen

Ask Dr. Herschenfeld.

Includes advice on sunblocks for people with sensitive skin or allergies. December 16, 2008
<http://www.washingtonpost.com/wp-srv/artsandliving/fashionandbeauty/features/2006/skin-sense/dec08.html>

Particle fear over sunscreen and paint.

"The EU is to spend £2.6million studying nanoparticles" to test particle on cells and see if they are toxic. December 15, 2008

<http://www.metro.co.uk/news/article.html?>

Particle_fear_over_sunscreen_and_paint&in_article_id=445018&in_page_id=34&in_a_source=

Other protective products

No Hat, No Play.

"Toddlers learn sun safety rules at childcare centres and all centres have to follow strict guidelines put forward by the Cancer Council. 'We encourage parents to bring their children their own hats.'" December 10, 2008

<http://en.epochtimes.com/n2/australia/no-hat-no-play-sunsafety-8364.html>

High schools 'could be sued' over sunburnt kids.

Cancer experts urging students of up to 12 years to be required to wear hats on campus. SunSmart is in 90% of primary schools, only in 13% of secondary schools. December 14, 2008

<http://www.theage.com.au/national/high-schools-could-be-sued-over-sunburnt-kids-20081213-6xy3.html>

Childcare shade cloth not up to scratch: Choice.

"The consumer group Choice has called for a national audit of shade cloth used at child care centres." December 13, 2008

<http://www.abc.net.au/news/stories/2008/12/15/2446528.htm?section=business>

UV risk from childcare sun shades.

"... [W]hat we find is a lot of childcare centres build shade structures, but fail to take into account the direction of the sun...."

December 14, 2008

<http://www.theaustralian.news.com.au/story/0,25197,24798270-12377,00.html>

Special skin-cancer related events

Worthy causes. Seventh item.

"The Melanoma Education Foundation seeks volunteers to help raise melanoma awareness." December 11, 2008

http://www.gloucestershiretimes.com/pulife/local_story_346221426.html

Take Action: Health & Wellness calendar for Dec. 17

ABCs of Skin Cancer and Prevention, Jan. 6, Delray Beach Public Library. December 17, 2008

<http://www.sun-sentinel.com/features/health/sfl-fit1217calendarsbdec17,0,1294912.story>

Girls learn ways to put safety first.

A grant from the Great River Health Systems Community Endowment Foundation will help a regional Girl Scout organization to expand with safety events in other communities and include sun safety. December 11, 2008

<http://www.thehawkeye.com/Story/safety-girls-121108>

Daily Digest 12/16

Utah County Health Department to hold free skin cancer screenings Wednesday in Provo. December 16, 2008

<http://www.heraldextra.com/content/view/292386/17/>

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Ilona Melstrad](#)
To:
Bcc: [Drusilla Hufford](#)
Subject: SunWise News Roundup February 14, 2007
Date: 02/14/2007 01:48 PM



News Roundup Wednesday February 14, 2007

Skin Cancer Prevention / Awareness Events

Colorado tanning bill

Bill would prohibit teenage tanning.

"A new bill in Colorado could soon create one of the strictest tanning bed laws in the nation." Public health goals v. government extension. February 8, 2007

<http://www.koaa.com/news/view.asp?ID=6516>

Restricting Tanning Beds Wins Committee Approval.

Senate Health and Human Services Committee approved bill barring all under 18 from tanning parlors without parent consent. "Cancer rates are down in Colorado, but skin cancer rates are rising [40%]. UV rays have been linked to skin cancer." February 8, 2007

http://cbs4denver.com/topstories/local_story_039084225.html

Anti-Tanning Bill Would Restrict Colorado Teen Tanners.

Salons testified against bill. Indoor Tanning Association wants salon operators to contact CO legislature against the bill. February 8, 2007

<http://www.lookingfit.com/hotnews/72h8151553.html>

Tanning Salon Bill [CO] Moves Forward.

Some said that "if tanning is so dangerous, it's a parent's job, not the government's, to keep their kids out of tanning booths.... Lietz argued back saying, 'How many of you sitting here today actually listened to your parents as a teenager? None of you. I can guarantee it.'" February 7, 2007

<http://www.thedenverchannel.com/news/10956933/detail.html>

Tanning bill [CO] heads to full Senate amid cool reception from GOP.

D. Weinman, "who started tanning at 16 and developed skin cancer in her early 20s, said parental consent is not enough to protect teenagers. She kept tanning against the wishes of her mother and dermatologist." February 8, 2007

http://www.denverpost.com/news/ci_5180587

Should laws save kids from stupidity [CO]?

"...[W]e spend billions on their education every year. If they don't learn a few things in the process (such as that too much exposure to radiation isn't good for you)," State laws won't change situation. (But do all schools teach about UV effects?) February 13, 2007

http://www.denverpost.com/opinion/ci_5213076

Tanning bills elsewhere – MA, Springfield [MO], SD, UT

Skin cancer groups create screening video.

As SHADE Foundation launches video on skin exams, MA Legislature considers bill to add sun safety to the K-12 curriculum, using EPA's SunWise program. Another bill would prohibit kids under 16 from using tanning beds. February 9, 2007

<http://www.townonline.com/medfield/homepage/8998944233427566591>

Springfield [MO] tightens tanning salon rules after hidden camera case.

"Tanning salon owners will be subject to background checks ...after one operator was charged with secretly videotaping female patrons undressing." February 13, 2007

<http://www.belleville.com/mld/belleville/news/state/16689060.htm>

Across Missouri.

2nd item: Tougher rules for tanning salons. City will require annual licenses. February 14, 2007

<http://www.kansascity.com/mld/kansascity/news/local/16692241.htm>

Senate [SD] shouldn't have passed on tanning bill.

Article argues that it was short-sighted of the Senate Health and Human Services Committee to kill a proposed bill that would have prohibited tanning for those less than 18 years old. February 11, 2007

<http://www.aberdeennews.com/mld/aberdeennews/news/local/16675161.htm>

Editorial: S.D. legislature never dull; tanning ban killed.

"There has to be a less drastic solution to this tanning epidemic. ... maybe require parental consent for everyone under 18?" Assumes there is a way to tan "properly." February 14, 2007

<http://media.www.volanteonline.com/media/storage/paper468/news/2007/02/14/Opinion/Editorial.S.d.Legislature.Never.Dull.Tanning.Ban.Killed-2717969.shtml?sourcedomain=www.volanteonline.com&MIIHost=media.collegepublisher.com>

Utah youths may need parental consent to tan.

A House committee narrowly approved a bill to require written parent consent for minors under 18 to use tanning beds. February 8, 2007

<http://deseretnews.com/dn/view/0,1249,660193972,00.html>

Bill [UT] Proposes Consent Form for Tanning.

"Parents will have more say in their children's tanning habits if a state senator has her way." Testimony on parents' lack of knowledge of teen behavior. February 12, 2007

<http://newsnet.byu.edu/story.cfm/63025>

Other

West Virginia's Top Two Youth Volunteers Selected in 12th Annual National Awards Program.

Also, "A senior at Huntington High School organized a skin cancer awareness program at her high school and a free public skin cancer screening at a local hospital...." The Prudential Spirit of Community Awards program. February 13, 2007

http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20070213005042&newsLang=en

Skin Cancer Awareness

Skin Cancer Prevention.

"As you go up in altitude, the amount of ozone that filters ultraviolet light drops precipitously, so when you're on top of a summit skiing you burn at about 42% faster than you would at sea level." February 9, 2007
<http://www.ksl.com/?nid=148&sid=879915>

Ask the Doctor.

"Many associate skin cancer with sunburn, but moderate tanning or individuals who 'tan easily' and may not burn are at risk for the same effect." February 8, 2007

<http://media.www.thetraveleronline.com/media/storage/paper688/news/2007/02/08/LifeStyle/Ask-The.Doctor-2706880.shtml?>
[sourcedomain=www.thetraveleronline.com&MIIHost=media.collegepublisher.com](http://www.thetraveleronline.com&MIIHost=media.collegepublisher.com)

Don't get burned.

A physician's assistant with a specialty in dermatology "said the office every day is seeing more skin cancer cases, which can be linked to overexposure of natural and artificial sunlight." February 10, 2007
<http://www.rrstar.com/apps/pbcs.dll/article?AID=2007102100008>

Health professional feels fortunate, donates long tresses to help others.

Recovered from melanoma. "Her successful treatment did not require chemotherapy, a common cause of hair loss." February 8, 2007
<http://www.antigodailyjournal.com/full.php?id=3439>

Skin cancer data and risk

Sunburn a Serious Problem for Cyclists Even in Winter Queensland Research Shows.

Dr. M. Kimlin et al. of Queensland's Institute of Health and Biomedical Innovation "attached UV dosimeters to the head, backs of hands and ankles of 22 cyclists who took part in a seven-day charity bike ride..." Doses exceeded the amount of light needed to cause sunburn. February 10, 2007
<http://www.medicalnewstoday.com/medicalnews.php?newsid=62615&nfid=crss>

UV, ozone layer

Citizens of the earth.

History of relationships among government and private organizations in environmental movement, and the 1987 Montreal Protocol on Substances That Deplete the Ozone Layer. February 12, 2007
<http://towardfreedom.com/home/content/view/978/1/>

Refrigeration technicians on ODS training.

Gambia holds training workshop, to meet its obligations in phasing out Ozone Depleting Substances by 2010. February 8, 2007
http://www.observer.gm/enews/index.php?option=com_content&task=view&id=7217&Itemid=33

DENR undertakes environmental management campaign.

Philippines' actions to reduce carbon dioxide emissions and ODSs, specifically CFCs. February 8, 2007
<http://www.pia.gov.ph/default.asp?m=12&fi=p070209.htm&no=10&r=&y=&mo=>

Trevor Stewart: Pay attention! Global warming is really happening.

5th grader tries to explain the ozone hole and global warming. "For people, exposure to large amounts of ultraviolet rays damages skin cells, which can lead to skin cancer. Two of my grandparents have had skin cancer." February 12, 2007
<http://www.madison.com/tct/opinion/letters/index.php?ntid=118577&ntpid=1>

'Rescue' asthma inhaler replacements coming to Pa.

Discussion of phase-out of albuterol inhalers with CFC propellants, and their replacement by inhalers with hydrofluoroalkane. February 14, 2007
http://www.pittsburghlive.com/x/pittsburghtrib/news/mostread/s_493084.html

Chemical engineer makes reactors in his basement.

2/3rds down - one of his reactors in 1990s "helped DuPont find the catalyst for making ozone-safe propellants in aerosol sprays. Existing propellants were destroying the ozone layer." February 12, 2007
<http://www.kansascity.com/mld/kansascity/news/nation/16680739.htm>

Namibia: No More Imports of Chlorofluorocarbons By 2010

Country on target to meet its "2010 obligations because there have been no imports of CFCs into Namibia for the past two years." February 8, 2007
<http://allafrica.com/stories/200702080449.html>

Anthrax in America.

Bemoans Montreal Treaty ban on methyl bromide. Methyl bromide can kill anthrax efficiently. February 8, 2007
<http://www.humanevents.com/article.php?id=19330>

UV and eyes

Children need sunglasses.

"Probably most people see sunglasses as a fashion or comfort item, rather than as UV protection, which is what we need them for." February 8, 2007
<http://www.scoop.co.nz/stories/GE0702/S00014.htm>

Timaru kids 'cool' in free sunglasses.

"Sneaky sun glasses are making Timaru children sun smart. ... UV exposure could lead to cataracts and macular degeneration, which could lead to cancer, pterygia and blindness." February 9, 2007
<http://www.stuff.co.nz/stuff/timaruherald/3956844a6571.html>

Dark, leafy greens help shield eyes from cataracts

Substances in kale, spinach and other green vegetables - the antioxidants lutein and zeaxanthin - help protect eyes from cataracts. Dr. J. A. Bomser et al. of Ohio State. February 7, 2007
<http://paktribune.com/news/index.shtml?168281>

On new skin cancer research

Cancer Breakthrough: First Treatment to Directly Target Tumor Supply.

Dr. N. H. Bander et al. of NY-Presbyterian Hospital/Weill Cornell Med. Center show that an antibody can target the blood supply of many tumors, including melanoma, leaving healthy tissues unharmed. Feb. 10, *J. of Clinical Oncology*. Funded by NIH, Dept of Army, the David H. Koch Foundation, and many others. February 13, 2007
<http://www.medicalnewstoday.com/medicalnews.php?newsid=62918>

Nanoparticle boost for antitumor vaccines.

Dr. Y. Tam et al. of Inex Pharmaceuticals show that special nanoparticle-encased DNA sequences trigger anti-tumor activity when administered with tumor-associated antigens. In *Cancer Immunology and Immunotherapy*. February 12, 2007
<http://www.nanowerk.com/news/newsid=1435.php>

Nanoparticle Boost for Antitumor Vaccines.

Dr. Tam. Abstract of paper available through PubMed. February 12, 2007
<http://www.azonano.com/news.asp?newsID=3698>

MEK inhibitors may be beneficial for lung cancer containing mutations in the BRAf gene.

February 15th issue of G&D: Dr. M. McMahon et al. present evidence to support use of new class of drugs, MEK inhibitors, for lung cancer patients whose tumors contain mutations in the BRAf gene. Mutations also implicated in melanoma. February 13, 2007
http://www.rxpgnews.com/lung-cancer/MEK-inhibitors-may-be-beneficial-for-lung-cancer-containing-mutations-in-the-BRAf-gene_15424.shtml

Additional recent articles on previously-listed skin cancer research items

Drivers vulnerable to skin cancer on left side.

Dr. S. Fosko's study. February 13, 2007
<http://www.app.com/apps/pbcs.dll/article?AID=/20070213/LIFE11/702130340/1006/NEWS02>

The Psychology of Skin Cancer.

Online GenoMEL survey, with Univ. of Leeds, on attitudes to tanning and skin cancer in different nations, <http://www.genomel.org>. February 12, 2007
<http://www.sciencedaily.com/releases/2007/02/070201093547.htm>

The immune system attacks Cancer.

On Dr. S. Rosenberg's gene therapy for melanoma, from NCI, mentioned often last summer-fall. February 8, 2007
<http://www.topcancernews.com/news/299/1/The-immune-system-attacks-Cancer>

Industry

Morphotek Obtains Exclusive License from Micromet for Antibody to Treat Melanoma and Other Cancers.

An exclusive worldwide license for an antibody targeting an antigen, with potential for treating certain cancers, including melanoma. February 12, 2007
<http://biz.yahoo.com/prnews/070212/nym015.html?v=86>

UPDATE 2-Bayer to file for Nexavar approval for liver cancer.

Bayer also said it expects peak sales of about \$649.6 million from Nexavar for kidney, liver and skin cancer. February 12, 2007
http://today.reuters.com/news/articleinvesting.aspx?view=CN&storyID=2007-02-12T093441Z_01_L12919853_RTRIDST_0_BAYER-NEXAVAR-UPDATE-2.XML&rpc=66&type=qcna

Onyx Shares Zoom on Cancer-Drug News.

February 12, 2007
http://www.businessweek.com/investor/content/feb2007/pi20070212_677846.htm?chan=top+news_top+news+index_investing

VioQuest Pharmaceuticals to Present at Bio CEO & Investor Conference.

Feb. 14 in NY, update on its clinical programs, including VQD-001, which showed preclinical activity in renal and melanoma cancers. February 13, 2007
<http://biz.yahoo.com/prnews/070213/nytu121.html?v=87>

Progress Analysis of Top 7 Cancer Indications, Including Players, Drugs, Clinical Progress and Pitfalls.

Research and Markets announced report, Top 7 Cancer Indications. Includes melanoma. Report "provides one of the most comprehensive coverages of the R&D trends to set the future marketplace." February 9, 2007
<http://www.genengnews.com/news/bnitem.aspx?name=12530532>

Articles focused on individuals

Doctor removes skin cancer from 6 News anchor's neck.

Good Morning Tennessee Anchor Bo Williams had basal cell carcinoma. "First of all, always use sunscreen. Go for the wide-brimmed caps instead of the baseball caps." February 8, 2007
<http://www.wate.com/Global/story.asp?S=6058984&nav=E8Yv>

Fisher, student of city's past, dies.

"The 57-year-old scientist, who worked ardently to preserve and catalog remnants of Albany's past dug up during various downtown construction projects, died ... of melanoma...." February 12, 2007
<http://timesunion.com/AspStories/story.asp?storyID=562781&category=REGIONOTHER&BCCCode=LOCAL&newsdate=2/13/2007>

Walker's Peru trek in memory of wife.

Londoner to trek to Machu Picchu, raising money for hospital that cared for his wife who died from skin cancer at 51. February 13, 2007
<http://www.ilfordrecorder.co.uk/content/redbridge/recorder/news/story.aspx?brand=RECOOnline&category=newsilford&Brand=northlondon24&Category=newsilford&itemid=WeED13%20Feb%202007%2017%3A55%3A15%3A903>

Chamber of commerce to host motivational speaker Feb. 27

Fallon Chamber of Commerce will have D. Hartley for a seminar on public speaking. Survived a DC-10 plane crash, melanoma. February 13, 2007
<http://www.lahontanvalleynews.com/article/20070213/News/102130015>

CEO makes matching \$755K donation.

For the Prostate Cancer Foundation, by a survivor of prostate, melanoma and colon cancers. February 13, 2007
<http://phoenix.bizjournals.com/dayton/stories/2007/02/12/daily5.html>

James W. Ryan, journalist and writer, dies at 78

Of melanoma complications. Wrote numerous books, mostly on military, "including a biography of Eugene Jacques Bullard, the world's first black combat pilot...." February 12, 2007
http://www.boston.com/news/local/massachusetts/articles/2007/02/12/james_w_ryan_journalist_and_writer_dies_at_78/

Vitamin D

A positive side to ozone depletion?

M. Norval from the Univ. of Edinburgh Medical School, on the adverse impact of ozone depletion; also on benefits attributed to sunlight and vitamin D, which apparently sound novel in Britain. February 12, 2007
http://www.rsc.org/Publishing/ChemScience/Volume/2007/03/ozone_depletion.asp

It's official: fun in the sunshine can be good for you.

"Experts from Edinburgh University" believe in the various studies on vitamin D benefits - not considered proven by Cancer Research UK. February 13, 2007
<http://news.scotsman.com/health.cfm?id=235872007>

Vitamin D deficiency.

Vitamin may be protective against some cancers. Recommends "an initial exposure to sunlight of 10 to 15 minutes." February 10, 2007
<http://thestar.com.my/health/story.asp?file=/2007/2/11/health/16812738&sec=health>

Vitamin D Backed for Cancer Prevention in Two New Studies.

Originally in last week's articles and roundup. This article mentions all the authors of the studies. February 8, 2007
http://www.healthsentinel.com/news.php?id=1724&title=Vitamin+D+Backed+For+Cancer+Prevention+In+Two+New+Studies&event=news_print_list_item

Tanning – UV and non-UV

The Downside of Tanning Your Hide.

History, from Coco Chanel to efforts of FDA and AAD to counter popularity of tanning. From the "notion that UVB was the bad actor, the tanning industry responded by lowering levels of UVB emitted by their equipment. Yet how low is low enough, and what about the newfound effects of UVA?" February 12, 2007
http://www.healthnewsdigest.com/news/Commentary_510/The_Downside_of_Tanning_Your_Hide.shtml

Beat the burn.

"But there is no such thing as a 'healthy tan' says the Cancer Association of South Africa..." February 8, 2007
http://www.iol.co.za/index.php?set_id=14&click_id=143&art_id=vn20070208104612417C683648

China's changing skin color.

From whitening creams to western tanning fashions: "a deep dark tan would appear to be one of the easiest ways to show that you are basking in China's new-found wealth." February 13, 2007
<http://news.bbc.co.uk/2/hi/asia-pacific/6357439.stm>

Toning it down.

"Friend's cancer scare leads sisters to promote tan alternative" - invested money to form Glo Tan Inc. February 10, 2007
<http://www.rtrstar.com/apps/pbcs.dll/article?AID=/20070210/GO/102100006/1226>

Addicted to Tanning.

"Each day more than 1 million Americans use a tanning bed. Why do some men and women keep going back even when they know it could cause cancer?" Dr. Feldman's finding. February 12, 2007
<http://abclocal.go.com/kfsn/story?section=health&id=5005406>

5 ways to pamper yourself at home.

4th and last: Self-tanner, for glow without "the harmful rays of the sun or tanning beds...." February 14, 2007
<http://www.stargazettenews.com/apps/pbcs.dll/article?AID=/20070214/LIFE06/702140307>

Peak and trough sales for sunless tanners.

Boston Univ. School of Medicine found that consumers did not know if non-UV or sunless tanners contained sunscreen. This uncertainty and fears from inhaling spray tanners have led to erratic markets. February 12, 2007
<http://www.cosmeticsdesign.com/news/ng.asp?n=74136-sunless-tanning-fake>

New product launch fuels trend for lighter skin.

Aromaleigh "launched a new foundation range aimed at female consumers with pale skin...to capitalize on the current backlash against the lucrative fake tan industry..." Sunless tanning product sales in 2006 fell 20.8 %. February 14, 2007
<http://www.cosmeticsdesign.com/news/ng.asp?n=74208-aromaleigh-pale-facial-whitening>

Local Tanning Salon Recognized in National Magazine.

LOOKING FIT, which supports the indoor tanning industry, "named SHOWBIZ TAN as one of the Top 250 salons in the nation for the 3rd consecutive year." February 9, 2007
<http://community.emeraldcoast.com/crestview/news/article.showarticle.db.php?a=7224>

Sunscreen

Saving Your Own Skin.

Discusses common ingredients in sunscreens and sun blockers. February 9, 2007
<http://www.foxnews.com/story/0,2933,251215,00.html>

Ask Laura Mercier.

"One of the best ways to protect your outer layer from damage is wearing sunscreen no matter what the temperature." February 11, 2007
http://www.nst.com.my/Current_News/nst/Monday/Features/20070212083645/Article/index_html

Firm Sinks Teeth into Shark Repellent.

Local lab works with sunscreen maker to ward off predator. February 12, 2007
http://www.njbiz.com/weekly_article_reg.asp?alID=99958158.5935885.908219.9186174.7759894.143&alID2=69854

Other protection

'UV chic' on the beach.

"All the UV swimwear available at the Beach Factory provides a tested UPF*50+ level of sun protection." February 14, 2007
http://www.responsesource.com/releases/rel_display.php?relid=29639&hilite=

Range of Solar Control Window Films from All Protection Tinting.

"Untreated clear glass allows over 70% of the sun's harmful ultraviolet light to penetrate the glass, entering the home or office." How Solar Control Window Film can help. February 8, 2007
<http://www.ferret.com.au/articles/z1/view.asp?id=17139>

Lifeguard towers criticized.

Special towers provide protection against skin cancer, but are expensive. February 13, 2007
http://www.ocregister.com/ocregister/homepage/abox/article_1577748.php

Skin-Cancer related events

JCC Professor Bakes Cookies for Cancer Research.

After the 16th St. Valentine's day, a math professor at Jamestown Community College raised \$17,500 for Roswell Park Cancer Institute "through the sale of his special confections." Had skin cancer. February 14, 2007
<http://post-journal.com/articles.asp?articleID=12452>

Lunch celebrates cancer survivors.

A skin cancer survivor and spouse help the ACS's Relay for Life and organize survivors' and caregivers' luncheons. Beat 5 cancers. February 14, 2007
<http://www.bradenton.com/mld/bradenton/news/local/16693142.htm>

Miscellaneous

Morris Animal Foundation Announces \$1.1 Million Donation From Pfizer Animal Health to Establish National Canine Tumor Biospecimen Bank.

May also provide insights into human cancer. Tissue bank for scientists worldwide will contain 600 melanoma samples. February 12, 2007
<http://biz.yahoo.com/prnews/070212/lam060.html?v=78>

Mice cloned from skin stem cells.

Scientists replaced the nucleus from an unfertilized egg with the nucleus from an adult skin stem cell. Dr. E. Fuchs et al. of Hughes Med. Inst. and Rockefeller Univ. *Proceedings of the National Academy of Sciences*. February 13, 2007
<http://news.bbc.co.uk/2/hi/health/6353919.stm>

Arabs have right to nuclear energy for power-generation -- Egyptian official.

Official said "the conventional fuels used in generating power contribute to the world's current high-level pollution and worsening in the hole in the ozone layer in Earth's atmosphere." February 14, 2007
<http://www.kuna.net.kw/home/story.aspx?Language=en&DSNO=952170>

Exradia Launches a Safe Mobile and Wireless Lifestyle Solution.

Includes a comprehensive list and evaluation of all prior studies of cell phones and all types of cancer. February 13, 2007
http://www.webitpr.com/release_detail.asp?ReleaseID=5309

Three Nations Agree to Conserve Biodiverse Heart of Borneo

Near end, article mentions that, "A compound present in the plant *Aglaia leptantha* has been found to effectively kill 20 kinds of human cancer cells in laboratory tests, including those that cause brain and breast cancer, and melanoma." February 12, 2007
<http://www.ens-newswire.com/ens/feb2007/2007-02-12-02.asp>

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Roundup** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Ilona Melstrads](#)
To:
Bcc: [Drusilla Hufford](#)
Subject: SunWise News Roundup January 17, 2007
Date: 01/17/2007 01:52 PM



News Roundup Wednesday January 17, 2007

Skin cancer prevention / awareness: events

Visual Screening for Malignant Melanoma. A Cost-effectiveness Analysis.

Dr. E. Losina et al. of Boston Univ., Harvard, and UCLA evaluated the cost-effectiveness of melanoma screening options, with simulation model and publicly available data. Cost-effectiveness ratios expressed in dollars per quality-adjusted life year (\$/QALY) gained. "One-time melanoma screening of the general population older than 50 years is very cost-effective compared with other cancer screening programs in the United States. Screening every 2 years in siblings of patients with melanoma is also cost-effective." Abstract, *Arch. of Derm.* January 2007
<http://archderm.ama-assn.org/cgi/content/abstract/143/1/21>

Melanoma Screening: Focusing the Public Health Journey.

Editorial on above study by Dr. H. K. Koh. From 1970's through 1990's, despite rising incidence rates, no consensus on general advisability of melanoma screening as part of broader cancer screening policy. Above study revisits issue in new, sophisticated, persuasive way. [Full text of article requires subscription] January 2007
<http://archderm.ama-assn.org/cgi/content/extract/143/1/101>

One-Time Melanoma Screening May Be Cost Effective.

"Universal one-time melanoma screening of adults ages 50 or older by dermatologists would cost about \$10,000 per quality-adjusted life year gained....The generally accepted threshold for cost-effectiveness of screening programs is \$50,000 per quality-adjusted of life year gained." January 15, 2007
<http://www.medpagetoday.com/HematologyOncology/SkinCancer/tb/4860>

Skin cancer test pays off.

'Melanoma is the only cancer for which incidence and mortality rates are rising unabated, while screening, the potential means for reducing the burden of disease, continues to be underused,' say Dr. E. Losina et al. January 16, 2007
http://news.monstersandcritics.com/health/features/article_1246986.php/Skin_cancer_test_pays_off

Analysis: Skin cancer test pays off.

"The new evidence, while based on a mathematical model and not a clinical trial, still makes a compelling case for the screenings, according to the authors, especially because no large-scale clinical trial is forthcoming." January 15, 2007
<http://www.sciencedaily.com/upi/index.php?feed=Science&article=UPI-1-20070115-18083100-bc-us-melanoma-screening-analysis.xml>

Teens cool to tan ban.

Varied views on ND bill to ban tanning for teens under 16. Bill modeled after "a Wisconsin measure on underage tanning, which is the strictest in the nation." January 11, 2007
<http://www.bismarcktribune.com/articles/2007/01/11/news/topnews/126864.txt>

January is SunSmart Awareness Month [in South Africa].

SA has the second highest incidence of skin cancer in the world – after Australia. January 12, 2007
<http://www.capegateway.gov.za/eng/pubs/news/2007/jan/151167>

Political newcomer challenges Dusanenko for GOP nomination.

A Republican tanning salon owner to challenge older Republican and Democrats. Aims to keep "government in check and out of people's personal lives." Opposes the Legislature's "recently enacted law banning indoor tanning for anyone under the age of 16 and restricting the tanning of 16- and 17-year-olds." January 14, 2007
<http://www.thejournalnews.com/apps/pbcs.dll/article?AID=/20070114/NEWS03/701140354/1019/SPECIAL02>

Sunbeds could seriously damage your health.

S. James MP wants all salons to have trained staff on duty to stop children using the unattended coin-operated beds. In 2004, the British Medical Association and Cancer Research UK called for a ban on teens under 16 using tanning salons. January 15, 2007

<http://www.gm.tv/index.cfm?articleid=24198>

Yesterday in Parliament.

1/2-way down. Under-16s using tanning salons. UK public health minister says she is monitoring progress of tan ban bill in Scottish parliament. January 17, 2007
<http://politics.guardian.co.uk/commons/story/0,,1992194,00.html>

Editor's notebook.

3rd and last item on Miss Maryland. "Her energetic advocacy on the issue of melanoma - which included helping her doctors at Johns Hopkins Hospital publish a guide for melanoma patients - has already done a lot of good. Many in this community wish her the best" on Jan 29, the Miss America contest. January 16, 2007
http://www.hometownannapolis.com/cgi-bin/read/2007/01_15-41/OPN

Skin cancer awareness

"SunSafe in the Middle School Years" Education Can Help Prevent Skin Cancer.

Establishes that teenage years are influential for children in setting their own health habits. Public health efforts, with the different approaches used by the program, show promise for changing in adolescent behaviors to reduce skin cancer risks. (This article has more information than those cited last week.) January 11, 2007
<http://www.allheadlinenews.com/articles/7006108578>

Canberra teens ignoring sun safety message.

Number of Canberra teens using sunscreen and wearing hats is declining, an Australian Capital Territory (ACT) survey shows: 53 % reported wearing a hat in 1996; only 40 % in 2005. Sunscreen use fell from 67 to 40%. January 12, 2007
http://ibnnews.org/local/canberra_teens_ignoring_sun_safety_message_15107_02364510_2222.html

Teens not heeding skin cancer warnings.

High schools will soon receive information about sun behavior, the aim of the ACT Cancer Council. January 12, 2007
<http://www.skynews.com.au/health/story.asp?id=149341>

Health Tip: Spot a Suspicious Mole.

Abnormal moles may indicate skin cancer. Outlines the ABCD principles for identifying suspicious moles. January 15, 2007
<http://www.forbes.com/forbeslife/health/feeds/hscout/2007/01/15/hscout600909.html>

About melanoma.

From the ACS, outline of risk factors, signs to look for, and how to protect oneself from UV rays. January 16, 2007
<http://www.courier-journal.com/apps/pbcs.dll/article?AID=/20070116/NEWS01/701160422/1008>

Skin cancer at any age.

Skin cancer doesn't happen to only those who worship the sun, it can happen to anyone, at any age, observes a 30+ mom diagnosed with basal cell carcinoma. "The scary part was I had it for a long time, like 15 years, and thought it was just a cluster of acne that wouldn't go away." After her tanning years, she feels lucky to have experienced only the least dangerous skin cancer and urges protection. January 12, 2007
<http://www.herald-journal.com/archives/2007/columns/jg011507.html>

Reality TV Recap: Real Housewives of Orange County, Season 2, Ep. 1.

More than 1/2-way down. Confusion on genetic versus environmental causes of skin cancer? January 17, 2007
<http://www.tvgrapevine.com/index.php/topic,9845.msg29067.html>

Skin cancer data and risk

Study links tanning, cancer.

International Agency for Research on Cancer, part of WHO, found that exposure to artificial UV radiation for the first time increases melanoma risk by 75%. The International Smart Tan Network disputes the association. January 14, 2007
<http://media.www.dailyiowan.com/media/storage/paper599/news/2007/01/16/Metro/Study.Links.Tanning.Cancer-2633405.shtml?sourcedomain=www.dailyiowan.com&MIIHost=media.collegepublisher.com>

UV and ozone layer

Scientific Assessment of Ozone Depletion: 2006.

Under auspices of UN Environmental Programme's Ozone Secretariat, and the World Meteorological Organization,

prepared by NOAA, NASA, UNEP, WMO, EU. How knowledge of sources of ozone layer depletion has changed since 2002 and the prior knowledge that has been confirmed by recent developments. Levels of UV radiation, and options for improvement. January 17, 2007
http://ozone.unep.org/Assessment_Panels/SAP/Scientific_Assessment_2006/index.asp

A Nobel calling.

At 79, F. S. Rowland returns to teaching. Shared the 1995 Nobel in chemistry for discovery that CFCs were destroying stratospheric ozone. When discovery first revealed, Rowland "was belittled and insulted by industry, which didn't want to stop using the chemicals.... Rowland never traded insults with his attackers." January 15, 2007
http://www.ocregister.com/ocregister/healthscience/columns/article_1544302.php

NIWA [of New Zealand] and US Geological Survey sign agreement.

"A new agreement has been signed between the National Institute of Water and Atmospheric Research and the US Geological Survey," to increase the exchange of scientific knowledge and to further co-operate on the ozone layer hole, climate change and the health of water resources. January 16, 2007
http://www.radionz.co.nz/news/latest/200701162129/niwa_and_us_geological_survey_sign_agreement

For the Chinese, pollution and the environment top list of problems.

Survey finds Chinese mostly concerned with water and air pollution in immediate environment. Together with contaminated food, these are seen as "a serious threat" by 80 %. Ozone layer and global warming low on list. Need more education about environment. January 16, 2007
<http://www.asianews.it/index.php?l=en&art=8246&size=A>

Bikes primed for comeback.

"Progress is not measured merely by the march of technology. Real progress is defined by innovation that meets the needs of the times." So writer hopes that in future Atlanta street facilities will adapt so they will be as full of bicycles as Chinese cities' streets 30 years ago! January 16, 2007
<http://www.ajc.com/opinion/content/opinion/stories/2007/01/16/edbicycle0116.html>

Food Lion Joins U.S. EPA's GreenChill Initiative to Advance Environmentally Friendly Refrigeration.

Food Lion LLC became one of the first U.S. grocery chains to join the EPA's new GreenChill partnership, "an initiative through which companies pledge to go above and beyond regulatory requirements in protecting the ozone layer and reducing greenhouse gas emissions." January 16, 2007
<http://sev.prnewswire.com/food-beverages/20070116/CLTU08116012007-1.html>

New shoe fabric makes sports pads less gamey.

7 years ago in a lab in Quebec City, scientist A. Reddyhoff was working in the polyurethane industry, under pressure to replace a compound because it had been linked to depletion of the ozone layer. Came up with a CFC-free foam. "His big break came after he developed a colorful, clog-like shoe called the Croc." January 17, 2007
<http://www.thestar.com/Business/article/171856>

Cameroun: War Against Ozone Depleting Substances.

Technicians being trained on how to prevent poisonous gases in some fridges from destroying the ozone layer. January 17, 2007
<http://fr.allafrica.com/stories/200701170295.html>

Refrigeration technicians begin ODS training.

A local training course in Gambia for managing Ozone Depleting Substances, such as CFCs. Although article identifies them as "Ocean Depletion Substances," the training is organized by the right people, the National Ozone Office! January 11, 2007
http://www.observer.gm/enews/index.php?option=com_content&task=view&id=6923&Itemid=33

Megola Acquires Revolutionary Fire Safety Products.

Announces Manufacturing and Distribution Agreement for Hartindo Line of Anti-Fire Products. Free of substances banned under Montreal Protocol. January 16, 2007
http://www.marketwire.com/mw/release_html_b1?release_id=203401

S'pore accedes to protocol amendment on ozone-depleting substances.

Singapore just accepted amendment to Montreal Protocol to control consumption of HCFCs in appliances. January 11, 2007
<http://www.channelnewsasia.com/stories/singaporelocalnews/view/251909/1/.html>

Scientists Warn of Fewer Studies from Space.

National Research Council of the National Academies said that US's ability to track environmental changes is being put "at great risk" by inadequate replacement of aging satellite-borne sensors. January 16, 2007
<http://www.nytimes.com/2007/01/16/science/space/16nasa.html?hp&ex=1168923600&en=f748e470b377d563&ei=5094&partner=homepage>

Kyoto's Clean Development Mechanism: global warming and its market fix.

Analyzes the "UN greenhouse gas emissions trading program," or the Clean Development Mechanism. Most trading credits go for destruction of HFC-23, "a byproduct of HCFC-22 production." Not really a needed priority under Kyoto since HCFC-22 is to be phased out under the Montreal Protocol as an ODS. January 13, 2007
<http://www.wsws.org/articles/2007/jan2007/glob-j13.shtml>

ProFume Discussed at International Research Conference.

More on the Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Article discusses history of ProFume from Dow AgroSciences; the presentations at the conference; and where and for what ProFume is registered. January 12, 2007
<http://www.pctonline.com/news/news.asp?ID=4720>

Effects of Sun.

Sun-burns, tanning, skin cancer, eye damage and immune system suppression. "Also, some diseases can become worse with sun exposure. These include herpes simplex (cold sores), chicken pox, lupus, and certain genetic problems." January 11, 2007
<http://www.infoplease.com/ipa/A0193634.html>

Seasonal Affective Disorder

Feeling SAD when you don't see the light.

One sort of treatment for SAD is to expose patients to specialized lamps that emit between 2,500 and 10,000 units of light power. Also, more researchers are calling for people to take vitamin D supplements to offset the lack of sunshine. January 15, 2007
<http://www.canada.com/globaltv/national/story.html?id=2dec5f3c-496c-4892-b58c-21ce35a515ba>

On new skin cancer research

Designer Hens Lay Anti-Cancer Eggs.

Scientists at Scotland's Roslin Institute (Dolly the Sheep) have genetically modified hens to lay eggs containing proteins that can fight human cancers. For cheaper drugs. Dr. H. Sang has been working on this for 15 years. It could still be another 15 years before drugs become available. Part of the Avian Transgenic Project, with Viragen and Oxford BioMedica. January 15, 2007
<http://www.medicalnewstoday.com/healthnews.php?newsid=60816>

Incredible Edible [Oncological] Egg.

Some of the birds were engineered to lay eggs that contain miR24, an antibody with potential for treating malignant melanoma. January 15, 2007
http://www.medgadget.com/archives/2007/01/encredible_edib.html

Scientists create anti-cancer chicken eggs.

Dr. Sang's study published this week in the *Proceedings of the National Academy of Sciences*. January 15, 2007
<http://www.cbc.ca/health/story/2007/01/15/cancer-chicken.html>

National: GM hens' medicinal eggs aid cancer fight.

Research could "slash the cost of producing drugs and potentially save the NHS millions of pounds." January 15, 2007

<http://www.therapeuticsdaily.com/news/article.cfm?contentValue=1203745&contentType=sentryarticle&channelID=28>

Viragen Announces that OVA(TM) System Results are Published in Leading U.S. Scientific Journal.

Viragen and its partners in Avian Transgenics - the Roslin Institute and Oxford Biomedica - said the Proceedings of the National Academy of Sciences published an article profiling the OVA(TM) System's ability to express two therapeutic proteins in the whites of eggs of transgenic hens. January 16, 2007
<http://biz.yahoo.com/prnews/070116/cltu090.html?.v=35>

Oxford BioMedica Announces Publication of Avian Transgenic Results in Leading U.S. Scientific Journal.

January 16, 2007
<http://www.pharmalive.com/News/index.cfm?articleid=406251&categoryid=15>

Lab research may one day lead to cancer treatment using patient's own immune cells.

J. A. Kim M.D. of Univ. Hospitals received a \$660,000 grant from the NIH in "adoptive immunotherapy," to study how immune cells, called T cells, can fight melanoma and breast cancer. January 16, 2007
http://presszoom.com/story_122880.html

Cold virus to aid cancer patients.

If viruses that can kill cancer cells must be injected directly into tumors, the method cannot work if cancer is inaccessible or has spread. Now L. Seymour et al. of Oxford are developing therapy that would kill tumors but avoid healthy cells by using viruses traveling through blood and specially coated to stop detection by immune system. January 11, 2007
<http://news.bbc.co.uk/2/hi/health/6251303.stm>

Skin cancer detection and treatment

Partner learning improves skin cancer self-examination.

Dr. J. K. Robinson et al. of Northwestern found that individuals who with their partners received instruction on skin self-examination may be more likely to engage in this cancer prevention behavior. *Archives of Dermatology*. Since half of melanomas are discovered by patients themselves, skin self-examination may be the best opportunity for early detection among those at risk. January 16, 2007
<http://www.huliq.com/6412/partner-learning-improves-skin-cancer-self-examination>

Learning with a partner improves skin cancer self-examination practices.

"Significantly more solo learners than dyadic [paired] learners did not check their skin at the long-term follow-up visit (45 vs. 23), whereas significantly more dyadic learners checked their skin one time (19 vs. 9) and several times (13 vs. 4)." January 15, 2007
<http://www.spiritindia.com/health-care-news-articles-5634.html>

Couples training can promote skin cancer exams.

"Two are better than one when it comes to performing a skin exam for melanoma and spotting it at the earliest, most treatable stage, a new study shows." January 16, 2007
<http://www.sciam.com/article.cfm?chanID=sa003&articleID=B2F1384B8FEB04D2DE9A85124DC64613>

Unique Collaboration Funded To Develop Nanotechnology For Melanoma.

National Science Foundation awarded a \$1.1 million grant to researchers at the Univ. of Colorado and the Univ. of Texas to develop a mechanical system the size of a wristwatch that will display the presence or absence of genetic signals of melanoma. January 17, 2007
<http://www.colorado.edu/news/releases/2007/19.html>

Some treatments can reduce scarring and disfigurement in skin cancer removal.

Q and A, A by physician. "I have a basal cell skin cancer on my nose. I am concerned about scarring and disfigurement from the treatment. What treatments would you recommend? Answer: I recommend Mohs micrographic surgery, which was developed in the 1960's by Dr. Fredrick Mohs." January 16, 2007
<http://www.citizen-times.com/apps/pbcs.dll/article?AID=2007701160304>

Technique Increases Cure Rates For Skin Cancer.

More on Mohs surgery, from Kaiser Permanente in CO. "Mohs surgery involves removing the cancer in horizontal sections and looking at each section in its entirety for the microscopic roots of cancer. Mohs has a 99 percent cure rate as opposed to standard surgery's 90 percent." Skin cancer a year-round problem in Colorado because of the high elevation and harsh reflection of sun off the snow. January 14, 2007
http://cbs4denver.com/topstories/local_story_016200611.html

Effect of Health Care Delivery Models on Melanoma Thickness and Stage in a University-Based Referral Center. An Observational Pilot Study.

Dr. S. M. Swetter et al. of several institutions compared the "effect of differing health care delivery models, specifically, gatekeeper (GK) vs direct access (DA) routes," on melanoma outcome as measured by tumor thickness and cancer stage at diagnosis. No difference in melanoma thickness and stage, but "patients in the DA group had diagnostic biopsy sooner." Abstract in *Arch. of Derm.* January 2007
<http://archderm.ama-assn.org/cgi/content/abstract/143/1/30>

Moffitt Named Melanoma Center of Excellence.

The Melanoma Hope Network named the H. Lee Moffitt Cancer Center & Research Institute's Cutaneous Oncology Program as "one of the first top ten Melanoma Centers of Excellence." The network recognizes melanoma treatment centers that offer "exceptional care, knowledge and compassion to patients diagnosed with advanced melanoma." January 12, 2007
<http://www.medicalnewstoday.com/medicalnews.php?newsid=60548>

Update on Craniofacial Cancers.

The Nov.-Dec. issue of *Journal of Craniofacial Surgery* has section on cancers of the head, face, and skull. Also review of giant congenital nevi, which, unlike other congenital nevi, show a high rate of transformation into malignant melanoma. January 15, 2007
<http://www.newswise.com/articles/view/526352/>

Misconceptions Dispelled. Urgent skin disease screening is readily available at one of South Shore's Skin Centers.

A dermatology practice reassures Boston residents not to be concerned because of the January 7th Boston Globe article saying patients often wait over a month for a dermatology appointment. Practice has a triage approach, making sure urgent conditions are seen immediately. January 15, 2007
<http://www.clickpress.com/releases/Detailed/25153005cp.shtml>

Industries, economics

Molecular Insight Pharmaceuticals, Inc. Acquires Malignant Melanoma Radiotherapeutic Drug Candidate from Bayer Schering Pharma.

Worldwide, exclusive licensing agreement with Bayer to acquire ZK-BA, a compound in development for the treatment of malignant melanoma. January 17, 2007
<http://www.genengnews.com/news/bnitem.aspx?name=11464060>

Court spats hurt bottom lines.

Speculates on whether disputes among biotech companies will increase or diminish as emerging companies mature. Discusses problems Australia's Peplin had with US's Allergan and with other firms. January 16, 2007
<http://www.news.com.au/couriermail/story/0,23739,21071278-3122,00.html>

Some skin cancer doctors 'rort Medicare.'

"Rort" is Australian for systematic manipulation of a program to obtain private benefits fraudulently. Australian agency with oversight of Australia's Medicare finds that a few skin cancer specialists really do put income generation ahead of the interests of their patients. January 15, 2007
http://wimmera.yourguide.com.au/detail.asp?class=national%20news&subclass=general&story_id=547686&category=General&m=&y=

Planet Tan 2007 Kick Off Meeting.

Attendees were welcomed by Dallas Mavericks Drum Line. Founder of the Michigan-based International Smart Tan Network outlined "benefits of tanning and the importance of being educated ambassadors for tanning." Planet Tan is the "premier operator of tanning superstores in the region." January 11, 2007
<http://www.emediawire.com/releases/2007/1/emw496243.htm>

Northeast Tanning Expo This Weekend.

The 2nd Annual Northeast Tanning Expo will be held Jan. 20-21 in Trumbull, Conn. January 17, 2007
<http://www.lookingfit.com/hotnews/71h1613256.html>

Beauty and the Bleach.

"Delegates at a London beauty conference this week will be calling on the government to impose tougher penalties for the illegal trade in dangerous skin-lightening products." Some product ingredients increase skin cancer risk. January 15, 2007
<http://www.voice-online.co.uk/content.php?show=10665>

Calculus of workplace benefits shifts.

A Wall Street Journal writer discusses the increasing trend in individuals purchasing on their own insurance products generally thought to be better buys through employers. January 16, 2007
<http://www.post-gazette.com/pg/07016/754171-68.stm>

Articles focused on individuals

American Cancer Society Names New Chairman of Council for Extramural Grants: Dr. Russel E. Kaufman, President and CEO of the Wistar Institute.

The Council recommends funding for cancer research proposals submitted to the ACS. ACS is the largest source of non-federal funding of cancer research in US. ACS has supported the research of 38 Nobel Prize winners before they became Nobelists. January 16, 2007
<http://www.prnewswire.com/cgi-bin/stories.pl?ACCT=104&STORY=/www/story/01-16-2007/0004506799&EDATE=>

DOE names PNNL scientist as director of isotope program.

The Department of Energy's Office of Nuclear Energy named D. Fisher of Pacific Northwest National Laboratory to be the scientific director of the nation's isotope program. DOE's Isotope Program to be managed by PNNL and another contractor. To improve provision of research isotopes for treating disease such as melanoma. January 16, 2007

<http://www.tri-cityherald.com/tch/local/story/8565559p-8459162c.html>

Jim Beckett: the surfin' dermatologist.

"Because Beckett can sympathize with the seduction of the ocean, he speaks every year to children in the Junior Lifeguard program as well as to lifeguards, explaining how important it is to enjoy outdoor activities but protect your skin from the sun...." Participates in skin cancer screenings, with the William S. Graham Foundation for Melanoma Research. January 12, 2007

<http://www.santacruzsentinel.com/archive/2007/January/12/style/stories/01style.htm>

Archbishop has skin cancer removed.

Archbishop Thomas C. Kelly, 75, had surgery to remove facial melanoma. Doctors say cancer had not spread beyond top layer of skin. January 15, 2007

<http://www.courier-journal.com/apps/pbcs.dll/article?AID=/20070115/NEWS01/70115045>

Benefit slated for Baxter woman with rare form of eye cancer.

Choroidal melanoma: 4-1/2 years ago received laser treatments and has been problem free until this fall, when learned tumor was growing. Now better treatment - a radiation disc to be surgically implanted in her eye and removed after five days. Importance of support group. January 16, 2007

http://www.herald-citizen.com/NF/omf.wnm/herald/news_story.html?rkey=0043007+cr=gdh

Vitamin D – benefits and sources

Hullander: One D you might want more of.

Vitamin D deficiency may be linked to multiple sclerosis, but vitamin not a cure. January 14, 2007

http://www.knoxnews.com/kns/science/article/0,1406,KNS_9116_5280349,00.html

Experts call for vitamin D level hike.

The upper intake level for oral vitamin D3 should be increased five-fold, from J. Hathcock et al. of the US-based Council for Responsible Nutrition, the Mount Sinai Hospital in Toronto, and Creighton Univ. in Nebraska. "Risk assessment for vitamin D," in January, *American Journal of Clinical Nutrition*. Vitamin safer than previously thought; so limit to go from 2,000 IU to 10,000 IU or 250 micrograms per day. January 12, 2007

<http://www.nutraingredients-usa.com/news/ng.asp?n=73309-cr-n-vitamin-d-ul-risk-assessment>

Sunshine pill for prostate cancer in 2009.

January 16, 2007

http://presszoom.com/story_122857.html

Fill in Nutritional Gaps with a Multivitamin.

Need for vitamin D supplements increases with age. People with dark skin also at risk for vitamin D deficiency since they need to spend more time in the sun to synthesize it. January 16, 2007

http://magazines.illivillage.com/goodhousekeeping/diet/supermarket/articles/0,,686686_706613,00.html

Aussies in dark over dosage.

Experts at the Queensland Institute of Medical Research say people are becoming confused as they attempt to strike a balance between the two risks of skin cancer from sun versus inadequate vitamin D. Epidemiologist R. Neale says it may not be possible to provide a single message about healthy sun exposure appropriate for the whole of Australia. Regions differ in sun exposure, as do people's needs. January 14, 2007

<http://www.news.com.au/couriermail/comments/0,23836,21060162-5003426,00.html>

New sun exposure message to be developed.

Dr. R. Neale: "Coming up with guidelines is difficult because we really don't know, in fact, what the optimum level of Vitamin D is." January 14, 2007

<http://www.abc.net.au/news/newsitems/200701/s1826746.htm>

Tofu terror added to list of reasons to be fearful.

"This has been a good week for hypochondriacs. Two new reports have been published warning that behavior we thought safe or even beneficial poses deadly risks to our health." (First report is that too much tofu can give you cancer.) Then Queensland Institute of Medical Research said people may not be getting enough sunlight for vitamin D. "Where does this leave slip, slap, slop?" Writers has gentle fun with academic experts and others. January 16, 2007

<http://www.smh.com.au/news/opinion/tofu-terror-added-to-list-of-reasons-to-be->

fearful/2007/01/16/1168709751814.html

Tanning – UV and non-UV

Tanning business heats up when temperatures drop.

Employee of a tanning salon follows recent industry suggestions and emphasizes the “educational” and “safety” aspects of her business, on the assumption that a “base” tan is safe. January 15, 2007
<http://www.fergusfallsjournal.com/articles/2007/01/15/news/news03.txt>

When tanning becomes addictive.

"The skin releases endorphins -- feel good molecules -- from skin cells when they're hit by ultraviolet light," researcher on subject said. January 13, 2007
http://www.king5.com/health/stories/NW_011307HEKtanningEL.3926bbdd.html

First UK male tanner hits the streets.

Mr. J. Horvath, owner of a mobile spray tanning service, is believed to be the one and only male spray tanner in the entire UK. "It is very difficult for many people, especially men, to visit a salon to have a spray tan. I saw a niche in the market and jumped in...." January 7, 2007
<http://www.clickpress.com/releases/Detailed/24661005cp.shtml>

Sunscreen

Is it OK to Use the Same Sunscreen for Adults and Children?

Yes, with some special guidelines. To reduce use of chemicals, recommends titanium dioxide and zinc oxide sun products for children. January 11, 2007
<http://www.buzzle.com/articles/use-sunscreen-adults-children-travel-sun-exposure.html>

Winter-approved skin-care secrets.

Mostly on cosmetic aspects; warns that even when sun not visible, “UV rays are just as harmful in the winter months as they are in the summer, which means sunscreen use is essential everyday.” January 16, 2007
<http://media.www.thelantern.com/media/storage/paper333/news/2007/01/16/Arts/WinterApproved.SkinCare.Secrets-2633992.shtml?sourcedomain=www.thelantern.com&MIIHost=media.collegepublisher.com>

The Latest in Anti-Aging Techniques.

Mostly on facial fillers, but reminds us that prevention is best. “Begin with the bare essentials: Use sunscreen of at least SPF 15, avoid deliberate tanning (lying out or tanning beds), exercise and eat healthy.” January 15, 2007
http://www.carefair.com/Skincare/Anti-Aging/Anti_Aging_Techniques_1473.html

Miscellaneous

New Study Focuses on Radiation-associated Cancer Risks.

The increasing number of cancer patients surviving long-term leads to concerns about the risk of radiation-therapy-induced cancer. H. Suit et al. in *Radiation Research*. January 12, 2007
<http://www.sciencedaily.com/releases/2007/01/070111104334.htm>

Study: Cancers not tied to waste.

For a miners’ suit against Alcoa, the Univ. of Cincinnati released its report, indicating no link between industrial waste buried in a Southern Indiana coal mine and cancer cases suffered by miners who were exposed to the toxic material. January 15, 2007
<http://www.indystar.com/apps/pbcs.dll/article?AID=/20070115/LOCAL/701150364/1196/CUSTOMPUB21>

Scientists Confirm that the Spread of Melanoma Cancer to the Lungs can be Halted With a Combination of Micronutrients.

The Dr. Rath Research Institute says ascorbic acid, proline, arginine, lysine, and green tea extract can inhibit the spread of melanoma cells to the lungs. In *Experimental Lung Research*. Institute’s message is that “with the proper nutritional support, many cancer deaths could be avoided.” January 12, 2007
<http://www.primenewswire.com/newsroom/news.html?d=111816>

FDA OKs vitamin C trial for cancer.

Cancer Treatment Centers of America will begin a clinical trial on intravenous vitamin C as a cancer treatment. Hospital group said it “lends credence to alternative cancer care....” January 11, 2007
<http://www.sciencedaily.com/upi/index.php?feed=Science&article=UPI-1-20070111-12471900-bc-us-vitaminc.xml>

New method reveals positions of gene-regulating nucleosomes.

“Dana-Farber Cancer Institute researchers have developed a powerful method for charting the positions of key

gene-regulating molecules called nucleosomes throughout the human genome.” D. E. Fisher MD et al. on-line in Nature Biotechnology. January 16, 2007
http://presszoom.com/story_122858.html

Scientists map key landmarks in human genome.

January 16, 2007

<http://www.spiritindia.com/health-care-news-articles-5665.html>

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Ilona Melstradt](#)
To: [Dorella Hufford](#)
Subject: SunWise News Roundup June 6, 2007
Date: 06/06/2007 03:11 PM



Skin Cancer Prevention / Awareness Events

Sunburn study with public health policy implications

Sunburn Prevalence Increasing in the United States.

Among US adults, 1999 to 2004, in June 1, CDC's *Morbidity and Mortality Weekly Report*. "Episodic acute overexposure to ultraviolet (UV) radiation (i.e., sunburn) is an important risk factor for two types of skin cancer: basal cell carcinoma and melanoma." In 2004, 20 states reported an increase in sunburns among whites, compared with 1999. "However, Indiana, Iowa, Kentucky, and Louisiana reported a significant decrease in sunburn prevalence." June 1, 2007
<http://www.medscape.com/viewarticle/557614>

More Americans Suffering Sunburns.

"[S]unburn prevalence among all adults increased from 31.8% in 1999 to 33.7% in 2004. Further research is needed to determine which interventions will best improve sun-protection behaviors among the public." Also, "substantial portions of the Hispanic, Asian/Pacific Islander, and American Indian/Alaska Native populations acquired sunburns." Men "had a higher prevalence of sunburn than women in most of the racial/ethnic groups surveyed." Public health messages needed for subgroups. May 31, 2007
http://foodconsumer.org/777/8888/Non-food_Things_27/053108562007_More_Americans_Suffering_Sunburns.shtml

Sunburns raise red flag for cancer risk.

"American adults don't seem to be heeding the warning about sunburns and skin cancer." June 6, 2007
<http://www.southbendtribune.com/apps/pbcs.dll/article?AID=/20070606/Lives08/706060447/-1/Lives/CAT=Lives08>

Sunburns Up; Which State Is Worst? Surveys Show the Percentage of Sunburned U.S. Adults Is on the Rise.

"In those surveys, sunburns were rarest in Arizona adults in 1999 and most common in Utah in 2004." But cannot deal with states in simple fashion, because of in- and out-migration. May 31, 2007
<http://www.webmd.com/skin-problems-and-treatments/news/20070531/sunburns-up-which-state-is-worst>

Kaiser Health Disparities Report: A Weekly Look At Race, Ethnicity And Health.

June 1, 2007
http://www.kaisernet.org/daily_reports/rep_index.cfm?DR_ID=45303

Study of different melanomas with different sources of risk - also public health policy implications

Early sun exposure linked to skin cancer gene mutation.

A finding clarifying important differences between melanomas. Dr. N. Thomas et al. of the Univ. of North Carolina found that "early-life sun exposure, from birth to 20 years old, may specifically increase the risk of melanomas with BRAF gene mutations. A different mutation, on the NRAS gene, was found in patients who had sun exposure later in life (between ages 50 to 60 years old)." Strengthens "current recommendations to protect children from sun exposure in order to prevent melanoma." BRAF gene mutations found in half of all melanomas. May 31, 2007
<http://www.carborocitizen.com/main/2007/05/31/early-sun-exposure-linked-to-skin-cancer-gene-mutation/>

Number of Nevi and Early-Life Ambient UV Exposure Are Associated with BRAF-Mutant Melanoma.

Original abstract of above in *Cancer Epidemiol.* "The association of BRAF mutations with early-life UV exposure provides evidence in support of childhood sun protection for melanoma prevention." May 31, 2007
<http://cebp.aacrjournals.org/cgi/content/abstract/16/5/991?maxtoshow=&HITS=10&hits=10&RESULTFORMAT=&author1=Thomas%2C+N&searchid=1&FIRSTINDEX=0&fdate=5/1/2007&tdate=5/31/2007&resourcetype=HWCIT>

Number of Nevi and Early-Life Ambient UV Exposure Are Associated with BRAF-Mutant Melanoma.

Full article. "Whiteman et al. (40) proposed that cutaneous malignant melanoma arises through at least two different causal pathways, one associated with aberrant nevus growth and another with chronic sun exposure. Our data indicate that BRAF+ melanoma cases are characterized by young age at diagnosis, increased number of nevi, and high early-life ambient solar UV exposure, whereas NRAS+ cases are characterized by late age at diagnosis, increased number of nevi, and later-life ambient UV exposure compared with wild-type cases." May 31, 2007
<http://cebp.aacrjournals.org/cgi/content/full/16/5/991?maxtoshow=&HITS=10&hits=10&RESULTFORMAT=&author1=Thomas%2C+N&searchid=1&FIRSTINDEX=0&fdate=5/1/2007&tdate=5/31/2007&resourcetype=HWCIT>

SHADE Foundation projects – controversial and non-controversial

Boston Red Sox Pitcher Curt Schilling and Wife Shonda Partner with National Amusements to Launch Free Summer Film Program to Raise Awareness for Sun Protection.

The 8-week summer movie series, SPF-Sun Protection Flicks, is being launched "to raise awareness of the importance of sun protection and to offer families 'Out of the Sun Fun' in support of the SHADE Foundation's important mission." National Amusements hosts other community based programs. June 4, 2007
http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20070604005977&newsLang=en

Docs don't take shine to Shillings' SPF pitch.

June 25 to Aug. 13, "participating Massachusetts and Rhode Island Showcase Cinemas will offer free kid-friendly films... each Monday at 11 a.m." To raise funds for the Shade Foundation, Showcase to sell special \$5 Curt Schilling 44-ounce collector's cups of soda. A physician says he endorses avoiding noontime sun, but would rather "parents give children sunscreen and protective clothes and keep them physically active." June 5, 2007
<http://news.bostonherald.com/localRegional/view.bg?articleid=1004843>

Schilling Cancer Program Draws Fire. Soda Deal Questioned By Doctors.

"Some doctors have said they're concerned that the program promotes a sedentary lifestyle.... But Schilling tells News Center 5 that her goal is just to give kids a break from the sun during part of the day and protect their health." June 4, 2007
<http://www.thebostonchannel.com/news/13443022/detail.html>

SchillingWatch: Good Intentions, Bad Idea?

June 6, 2007
http://www.bostonist.com/archives/2007/06/06/schillingwatch_good_intentions_bad_idea.php

Break out the sunblock - it's beach party time in Surprise.

"To avoid the scorching sun, the Sunset Run for SHADE kicks off at 7 p.m. Saturday for the 1-mile family race, and 7:30 p.m. for the 5K run/walk." Glendale. May 23, 2007
<http://www.azcentral.com/community/westvalley/articles/0523gl-3family0525-ON.html>

Other projects

ANTHELIOS SX Daily Moisturizing Cream SPF 15 with Mexoryl(TM) SX Announces Promotion with The Skin Cancer Foundation.

"During the month of June 2007, La Roche-Posay will donate a portion of the proceeds from the sale of ANTHELIOS SX Daily Moisturizing Cream to The Skin Cancer Foundation." June 4, 2007
<http://digital50.com/news/items/PR/2007/06/04/LAM021/anthelios-sx-daily-moisturizing-cream-spf-15-with-mexoryl-tm-sx-announces-promotion-.html>

Stars fight cancer.

"Skin care expert Sonya Dakar rallied some famous friends during Oscar season to autograph tubes of her Sonya Dakar 365 SPF 30 for an eBay auction. Drew Barrymore, Gwyneth Paltrow and Madonna all signed their names knowing proceeds would go to CancerCare." Another auction scheduled for June 11-20. June 3, 2007
http://www.dailynews.com/pulse/ci_6052470

Top sailors support Sail 4 Cancer.

"As a full time Olympic campaigning sailor I am in the sun all day, everyday, all year round! I do wear sunscreen but I am not as good as I should be about covering up. Sail 4 Cancer is doing a great job of making sailors more aware of the very real risks from the sun." 'Keep it in the Dark' partnered with UK companies to prepare kits that include hats, UV protective clothing, sunscreen and sunglasses. June 5, 2007
<http://www.ybw.com/auto/newsdesk/20070505150120ywnews.html>

Indoor tanning legislation

Teens Could Face Tanning Bed Ban [CA].

"Teenagers under the age of 18 would be prohibited from using tanning beds under a proposed law passed by the State Assembly." Dr. Rosio said "UV rays contribute to skin damage and cancer such as melanoma." Tanning industry wants to leave it up to parents. Bill now to Senate. May 30, 2007
http://www.news10.net/display_story.aspx?storyid=28461

Information. Guest columnists. 3rd item - Rant and Rave: Choices should be personal, not law.

Tries to answer why mandatory seat belt laws good but tanning bed laws not. June 4, 2007
<http://www.gfwadvertiser.ca/index.cfm?iid=2556&pid=13>

Solariums [in Australia] face tighter rules.

Cancer Council of Victoria "wants the industry's code to become mandatory and has put forward a model under which local government authorities would have the power to take away licenses or fine." June 4, 2007
<http://www.brisbanetimes.com.au/news/beauty/solariums-face-tighter-rules/2007/06/02/1180809381061.html>

Skin Cancer Awareness

American Cancer Society stresses sun safety.

"More than one million skin cancers are diagnosed each year in the United States, more than cancers of the prostate, breast, lung, colon, uterus, ovaries and pancreas combined, according to a recent American Cancer Society report." Practical steps from ACS to limit overexposure. June 1, 2007
http://www.temeculavalleynews.com/story.asp?story_ID=23207

Protection force.

From NJ Department of Health and Senior Services Center for Cancer Initiatives. " [R]eport points to the latency of melanomas, or how long it can take before it appears on the body, and underscores the importance of targeting Ocean County's nearly 119,000 youngsters with education about skin protection and safety behaviors." June 5, 2007
<http://www.app.com/apps/pbcs.dll/article?AID=/20070605/LIFE11/706050334/1006/NEWS02>

Is that just a mole... or early signs of skin cancer? Looking for - and how to spot - signs of trouble.

"Doctors say the neck, back and scalp can be danger zones where cancerous moles often go unnoticed." "You should really be looking everywhere," from Dr. M. Riza-Conroy with Ohio State. June 2, 2007
<http://www.medicalnewstoday.com/medicalnews.php?newsid=72808>

On TV: Guarding Against Skin Cancer.

"Dr. Ellen Marmur, chief of dermatologic and cosmetic surgery at New York's Mount Sinai Medical Center, stopped by The Early Show to tell how to protect yourself from the sun's rays. She also discussed the different forms of skin cancer." June 4, 2007
<http://www.cbsnews.com/stories/2007/06/04/earlyshow/living/resources/main2881068.shtml>

Health Alert: Skin cancer doctor in cyberspace.

YouTube viewers can watch the dermatologist examine and remove actual skin cancers. A search for "Coyle Connolly" will locate the videos. (Not pornographic.) June 1, 2007
<http://www.wistv.com/Global/story.asp?S=6599731>

All ultraviolet rays pose risk to skin.

"Scientists believe that exposure to UVA rays probably plays a role in the formation of melanoma. [and] also are implicated in the less-serious skin cancers formerly attributed only to UVB. UVA rays are the ones used in tanning bed and salons." Article contains a very unusual estimate: "It's estimated that 30 minutes in a tanning bed is equivalent to 10 minutes in the Mediterranean sun." June 5, 2007
<http://www.azcentral.com/community/westvalley/articles/0605gl-expert0606-ON.html>

Experiencing the Most Common Type of Skin Cancer.

"The Mayo Clinic advises: see your doctor if you notice a new skin growth, a bothersome change in your skin, a change in the appearance or texture of a mole, or a sore that doesn't heal within two weeks." June 1, 2007
<http://www.tricity.com/tristate/tri/news/medical.apx.-content-articles-TRI-2007-06-01-0004.html>

Sun's UV rays pose health risk.

What happens to skin exposed to UV radiation, from Dr. F. A. Mayoral of Univ. of Miami. "The architecture of sun-damaged skin is completely different." For anything suspicious, see doctor. Melanoma easy to diagnose: "Rarely do you see a melanoma that doesn't look like melanoma." June 4, 2007
<http://www.fortwayne.com/mld/newssentinel/living/17322214.htm>

The (sun) kiss of death.

Similar to prior articles on the softball coach who insists on sun safety; concern with teen sports, particularly water polo. June 4, 2007
http://www.oeregister.com/oeregister/healthfitness/article_1718007.php

Protection from UV rays can limit and prevent damage to body.

"We are seeing around 1.5 million new cases of skin cancer each year in the United States. We are exposing ourselves more to the sun these days. [W]e are dressing with less clothing and damage to the ozone is producing more potent sun rays." May 31, 2007
<http://nwtimes.com/articles/2007/05/31/sports/outdoors/doc0511ec77d9f8c37862572eb0014f2ec.txt>

Summer fun in the sun means taking precautions with your skin.

The Skin Cancer Foundation and Rite Aid Pharmacy partner to offer free information. "According to the Skin Cancer Foundation, more than 90 percent of all skin cancers are caused by sun exposure, yet fewer than 33 percent of children, adolescents and adults regularly use sun protection." June 1, 2007
<http://www.maysville-online.com/articles/2007/06/01/lifestyles/635summer.txt>

Doctors warn sun worshippers to protect their skin.

NJ dermatologists on UV rays and new products; advice from ACS. June 4, 2007
http://www.nyjournalnews.com/apps/pbcs.dll/article?AID=/20070604/L_FESTYLE01/706040304

Protecting Your Baby from UV Rays.

"Dermatologists have seen a correlation between the number of sunburns received as a child and the number of adult skin cancers. .Physically blocking the sun's rays is probably the best way to avoid sun damage .". June 4, 2007
<http://www.dentalplans.com/articles/18882/>

Keep Your Kids Safe in the Sun.

Simple rules. June 4, 2007
<http://www.dentalplans.com/articles/18881/>

Sun safety week promoted.

The Canadian Cancer Society is working with the Canadian Dermatology Association to raise awareness of skin cancer and the importance of sun safety. "Keep babies under a year old out of direct sunlight." June 1, 2007
<http://swbooster.com/index.cfm?sid=34015&sc=44>

Skin cancer data and risk

Sunglasses Raise Risk of Cancer.

"The glasses reduce the amount of ultra-violet light reaching key areas of the eye, tricking the brain into believing less harmful rays have penetrated the body .the body produces less of a natural substance it needs to defend itself against harmful ultraviolet light." Article not too informative; not clear if only dark glasses produce result. Article claims that idea will be in book by Dr. S. Moalem, *Survival of The Sickest: A Medical Maverick Discovers Why We Need Disease*. (Dr. Moalem applies ingenious evolutionary genetics thinking to the question of why so many of us have inherited conditions that seem disadvantageous. Tries to show that long ago, under unusual conditions, they were lifesaving.) June 3, 2007
<http://www.express.co.uk/posts/view/8739/Sunglasses+raise+risk+of+cancer>

UV, ozone layer

June Arrives Along With Ozone Alert Season.

"Ground-level ozone shouldn't be confused with the stratospheric ozone layer several miles above the Earth's surface. The naturally occurring stratospheric layer protects us from excessive ultra-violet radiation from the sun. Ground-level ozone is completely different .". June 4, 2007
<http://www.thedenverchannel.com/weather/4645752/detail.html>

Air pollution a suffocating problem.

"There are two types of ozone, found in Earth's upper atmosphere and at ground level .The EPA provides much information on ozone issues, including the annual 'hole' that has appeared over Antarctica since the early 1980s." June 3, 2007
http://www.texarkanagazette.com/news/localnews/2007/06/03/air_pollution_a_suffocating_problem.php

Odin [Satellite for Sweden, France, Canada and Finland] helps us understand our climate and our environment.

Since 2001, satellite has studied the chemistry of the ozone layer. "Chlorine compounds break up the ozone and make the gaseous layer thinner. Observations made by Odin aim to evaluate existing theories about the ozone depletion." June 5, 2007
<http://www.ssc.se/?id=5104&cid=8464>

Climate Studies in Serious Jeopardy.'

June 5, 2007
<http://www.thedailygreen.com/2007/06/05/climate-studies-in-serious-jeopardy/2257/>

Volcanic eruption 251-mln-years ago, not man, behind biggest ozone hole in Earth's atmosphere.

"Volcanic eruptions in Siberia 251 million years ago that led to the biggest mass extinction of life and hastened the death of countless species of flora and fauna, also created the biggest hole in the Earth's ozone layer, researchers have said .". But very temporary, unlike current layer depletion. June 4, 2007
<http://www.newkerala.com/news5.php?action=fullnews&id=35446>

France. Energy Commissioner Andris Piebalgs speech to Paris Ministerial Conference Friday, 01 June 2007

A European official mentions Jeffrey Sachs's now famous characterization of the 5-stage process generating the Montreal Protocol, to give hope for an international solution to global warming. June 1, 2007
<http://www.bymnews.com/news/newsDetails.php?id=9472>

Cuba Fulfills Montreal Protocol Commitments.

"Cuba reduced consumption of chloride fluorine carbons (CFC) in 50 percent, methyl bromide in 20 percent .". Novel chemical terminology? May 30, 2007
<http://www.plenglish.com/Article.asp?D=%7B847B8A77-5365-47FE-8D14-A24CC5998818%7D&language=EN>

Nigeria: World Environment Day.

Mostly on climate change but also on ozone layer. "The state of the ozone layer is measured in Dobson Unit (DU) - named after Gordon Miller Bourne Dobson (1888-1976) .". June 5, 2007
<http://allafrica.com/stories/200706050597.html>

Environmental Fair Held at Yallahs Primary School.

In Jamaica, organized by Ministry of Education and Youth. June 5, 2007
http://www.jis.gov.jm/education/html/20070603T110000-0500_12154_JIS_ENVIRONMENTAL_FAIR_HELD_AT_YALLAHS_PRIMARY_SCHOOL.asp

World Bank Environmental Strategy in South Asia.

"South Asia is home to almost half of the world's poor and is a focal area for Bank support to reduce poverty. . . Protection of the Global Commons (climate change, implementation of the Montreal Protocol on Ozone Depleting Substances) is also being pursued." June 4, 2007
<http://web.worldbank.org/WBSITE/EXTERNAL/COUNTRIES/SOUTHASIAEXT/0,,contentMDK:21357926~pagePK:146736~piPK:146830~theSitePK:223547,00.html>

President's Address at the Presentation of Jawaharlal Nehru Award for International Understanding.

The President of India conferred the award on President Lula da Silva of Brazil. Briefest mention of ozone layer. June 4, 2007
<http://pib.nic.in/release/release.asp?relid=28440>

Swiss environment not getting better.

But Swiss not so bad on ozone layer protection. June 1, 2007
<http://www.nzz.ch/2007/06/01/eng/article7883565.html>

Customs seize 5000 cars.

Fiji Islands "fight against environment crime has seen the confiscation of 5000 second hand cars containing ozone depleting substances .". May 31, 2007
<http://www.fijitimes.com/story.aspx?id=63636>

Ameraguard Launches Eco-Friendly Initiative.

"Since 1991, Ameraguard has taken an environmentally-friendly stance with its spray-on coating applications " for trucks. Not destructive of ozone layer. June 4, 2007
<http://www.newswiretoday.com/news/19115/>

UV and eyes

Protect your eyes from UV rays. 3 million blindnesses each year from sun damage

June 1, 2007

http://www.khqa.com/news/news_story.aspx?id=37177

UV protection is key in choosing the right pair of sunglasses.

"The UV protection of sunglasses is not mandated, but is a voluntary standard set forth by the American National Standards Institute." June 3, 2007

<http://www.venturacountystar.com/news/2007/jun/03/shades-of-summer/>

Protect those eyes this summer.

Not much on protection against UV rays; mostly on other dangers. June 3, 2007

<http://www.walb.com/Global/story.asp?S=6605341&nav=5kZQ>

Photo Release -- Oakley Launches HIJINX Sunglass; Latest Addition to Company's 'SQUARE O' Eyewear Collection.

June 4, 2007

<http://money.cnn.com/news/newsfeeds/articles/primenewswire/120796.htm>

On new skin cancer research and new cure claims

Phase II Study Shows Combination Improves Survival of Metastatic Melanoma Patients.

Dr. D. Perez and Dr. S. Markovic of Mayo Clinic and the North Central Cancer Treatment Group show that 2 "chemotherapy drugs combined with an agent that prevents the growth of blood vessels significantly delayed the spread of tumors in patients with metastatic melanoma." "The combination of paclitaxel (Taxol) and carboplatin has been beneficial in treating different cancers, such as metastatic lung cancer and ovarian cancer." Funded by NCI. June 5, 2007

<http://www.sciencedaily.com/releases/2007/06/070603215259.htm>

Metastatic melanoma chemotherapy studied.

"In the phase II clinical trial of 53 patients at the Mayo Clinic, researchers said tumor growth was delayed by nearly six months, whereas such cancers typically begin spreading again eight weeks after chemotherapy treatment." Best results Mayo Clinic has seen in some time. June 4, 2007

<http://www.sciencedaily.com/upi/index.php?feed=Science&article=UPI-1-20070604-10282600-bc-us-melanoma.xml>

Metastatic melanoma chemotherapy studied.

June 4, 2007

<http://www.earthtimes.org/articles/show/69148.html>

Protein May Be Linked to Melanoma Recurrence.

J. Kirkwood et al of Univ. of Pittsburgh. "Higher levels of a protein called S-100 in patients with melanoma may correlate with a higher risk of having the disease return." Further development of earlier studies from Dr. Kirkwood mentioned in prior roundups. "Melanoma patients who initially respond well to treatment with interferon are at high risk of their cancer recurring." Funded by NCI. June 4, 2007

<http://www.dentalplans.com/articles/18842/>

Protein May Be Linked To Melanoma Recurrence.

"The study evaluated and tested serum samples from 103 patients who were treated with high-dose interferon, a standard immunotherapy treatment for melanoma, an average of eight years prior." June 4, 2007

<http://www.sciencedaily.com/releases/2007/06/070603215419.htm>

Health Highlights: June 4, 2007. 6th and last item: Protein May Predict Melanoma's Recurrence.

"The disease recurred in 64 of the patients [out of 103 in sample] within an average of 30 months. When the researchers examined levels of S-100 in the serum samples, they found that the higher the level of the protein, the greater likelihood the patient's disease had returned." June 4, 2007

<http://www.forbes.com/forbeslife/health/feeds/hscout/2007/06/04/hscout605234.html>

Finding protection from tumor growth in unexpected places.

"Researchers have discovered that an enzyme commonly involved in regulating blood pressure also provides protection from tumor growth when strongly expressed in immune cells." Dr. Shen et al, "Mice with enhanced macrophage angiotensin-converting enzyme [ACE] are resistant to melanoma," in June, *The American Journal of Pathology*. June 5, 2007

http://www.eurekalert.org/pub_releases/2007-06/ajop-fp060507.php

ACE provides protection from tumor growth when strongly expressed in immune cells.

Similar to above. June 6, 2007

http://www.rxpnews.com/research/Finding-protection-from-tumor-growth-in-unexpected-places_38347.shtml

Meat-rich diets increase risk of skin cancer.

"Our study shows that, particularly for people with a history of skin cancer, there is a benefit in avoiding fatty, overly processed and high sugar-content foods," from Dr

T. Ibiebele of Queensland Institute of Medical Research in Brisbane. May, *Journal of Clinical Nutrition*. June 2, 2007

http://www.dailytimes.com.pk/default.asp?page=2007%5C06%5C03%5Cstory_3-6-2007_pg7_13

High-Meat Diets Linked to Skin Cancer.

"A study in Australia indicates that diets high in meat, as well as fat, sugar and processed foods, may boost a person's risk of contracting one of the most common forms of skin cancer, particularly if they have a history of the disease." June 2, 2007

<http://www.shortnews.com/start.cfm?id=62823>

Additional recent articles on previously-listed skin cancer items

Diagnosing Skin Cancers with Light, Not Scalpels.

3-D imaging under development at Duke's new Center for Molecular and Biomedical Imaging. "This is the first approach that can target molecules like hemoglobin and melanin and get microscopic resolution images the equivalent of what a doctor would see if he or she were able to slice down to that particular point." June 4, 2007

<http://www.sciencedaily.com/releases/2007/06/070604155808.htm>

Non-surgical skin cancer diagnosis created.

June 5, 2007

http://www.upi.com/NewsTrack/Science/2007/06/05/nonsurgical_skin_cancer_diagnosis_created/9536/

Researchers Link Gender to Some Forms of Skin Cancer.

"Different amounts of antioxidants in the skin in males and females may reveal why men are more prone to certain kinds of skin cancer," from Dr. T. Oberyszyn at Ohio State. April issue of *Cancer Research*. June 5, 2007

<http://www.dentalplans.com/articles/19043/>

Skin cancer detection and treatment

The mole story

From a "mole-prone family." Easier checkups in UK since launch of 12 Superdrug mole clinics. Use 'digital dermoscopy.' Article originally appeared in March. In news, June 5, 2007

http://www.dailymail.co.uk/pages/you/article.html?in_article_id=460136&in_page_id=1909

Industry

Quick facts, 2nd item: Delcath Systems Provides Enrollment Numbers for Clinical Trials.

For their Phase III trial of the "delivery of the chemotherapeutic agent, melphalan, to patients with metastatic melanoma in the liver." Recently approved by NCI "for expansion to a multi-center study." June 5, 2007
<http://www.rttnews.com/sp/Quickfactsnew.asp?date=06/05/2007&item=111>

GammaCan to Present its Anti-Melanoma Technology at the 2007 ILSI BioMed Conference.

GammaCan said its CEO will discuss VitiGam, GammaCan's lead product under development for the treatment of Stage III and Stage IV melanoma, on June 6 at the ILSI BioMed 2007 Conference in Tel Aviv. June 6, 2007
http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20070606005377&newsLang=en

Hana Biosciences Presents Data on Two Programs at the American Society of Clinical Oncology Annual Meeting.

"Phase I single agent Marqibo(r) showed OPTISOME(tm) agent was generally well tolerated in metastatic melanoma patients with an adverse event profile similar to conventional vincristine." June 4, 2007
<http://money.cnn.com/news/newsfeeds/articles/primenewswire/120741.htm>

Market Report -- In Play (MEDX).

Medarex Co and Bristol-Myers Squibb discuss results from multiple clinical studies of "ipilimumab, an investigational immunotherapy, for patients with advanced melanoma." June 5, 2007
<http://news.moneycentral.msn.com/provider/providerarticle.aspx?Feed=BCOM&Date=20070605&ID=6994857>

SciClone Drug Candidate Meets Goal.

"Results showed that thymalfasin, combined with chemotherapy, tripled the overall response rate and extended overall survival by nearly three months compared with patients treated with the current standard of care." To meet with the U.S. FDA and European regulators. June 4, 2007
<http://www.forbes.com/feeds/ap/2007/06/04/ap3783911.html>

SciClone's SCV-07 Inhibits Melanoma Tumor Growth in Animal Model Study. Abstract in Proceedings of Annual Meeting of the American Society of Clinical Oncology.

"These animal model data demonstrate SCV-07's therapeutic activity and potential to inhibit the growth of melanoma tumors...." June 4, 2007
<http://new.marketwire.com/2.0/release.do?id=738298>

Patients Who Took Investigational Melanoma Compound CP-675,206 Showed Favorable Survival Outcomes, Pfizer Says.

The studies show that CP-675,206 may be an "efficacious compound as a single-agent treatment, which would potentially benefit melanoma patients who have few treatment options beyond surgery." June 3, 2007
<http://www.genengnews.com/news/bnitem.aspx?name=18402357>

Quick facts, 3rd item: Pfizer Reveals Favorable Survival Outcomes from Melanoma Investigational Compound Clinical Studies.

June 3, 2007
<http://www.rttnews.com/sp/Quickfactsnew.asp?date=06/03/2007&item=3>

Kosan Presents Preliminary Phase 2 Data Showing Antitumor Activity of Hsp90 Inhibitor Tanespimycin in Metastatic Melanoma at ASCO.

"Phase 2 monotherapy trial showing that tanespimycin demonstrated antitumor activity and tolerability in patients with metastatic melanoma, including one patient with a BRAF mutation (V600E) who had failed prior chemotherapy." June 4, 2007
<http://www.pharmalive.com/News/index.cfm?articleid=447909&categoryid=40>

IDM Sees Results for Melanoma Vaccine.

Biotechnology company IDM Pharma Inc. said its melanoma vaccine candidate Uvidem showed positive results in a midstage clinical trial. June 5, 2007
<http://www.forbes.com/feeds/ap/2007/06/05/ap3789097.html>

IDM Pharma Presents Interim Phase II Data From EP-2101 Lung Cancer Vaccine Clinical Trial.

Mentions that IDM is developing "UVIDEM, a cell-based vaccine product candidate in Phase II clinical trials for the treatment of melanoma, with sanofi-aventis." June 4, 2007
<http://www.pipelinereview.com/joomla/content/view/12262/110/>

Pacific Edge Biotech signs deal with Ludwig Institute.

"Today's agreement follows promising early results for a melanoma test recently presented to the American Society of Clinical Oncology." June 6, 2007
<http://www.stuff.co.nz/4085846a13.html>

Synta Pharma Reports Encouraging Results For STA-4783 In Overall Survival Rate For Metastatic Melanoma Patients.

A "phase 2b clinical trial in metastatic melanoma for its lead compound STA-4783 found that overall survival was higher for those who took the compound." June 5, 2007
<http://www.rttnews.com/sp/breakingnews.asp?date=06/05/2007&item=89>

Long-Term Pegylated Interferon Alfa-2b Therapy in Stage III Melanoma Demonstrated Significant and Sustained Impact on Relapse-Free Survival.

Phase III study, led by the European Organisation for the Research and Treatment of Cancer and supported by Schering-Plough. In US, pegylated interferon alfa-2b is approved for hepatitis C. Study of melanoma did not lead to greater life extension, "only" more relapse free period or quality of life. June 2, 2007
<http://sevpnewswire.com/health-care-hospitals/20070602/NYSA00302062007-1.html>

Hepatitis C treatment could help melanoma patients, says study.

"Long-term treatment with pegylated interferon alfa-2b in stage III melanoma had a significant and sustained impact on relapse-free survival, according to the results of the largest adjuvant trial ever conducted in patients with the disease." June 4, 2007
http://www.pharmaceutical-business-review.com/article_news.asp?guid=E1CD425C-A40D-4D57-AFDB-AD104EAEFDF8

Promising treatment for liver cancer found. Onyx stock price jumps on reports of Nexavar study.

To ask FDA to approve Nexavar as a liver cancer treatment based on the data. Studied for melanoma. "The drug is designed to block the formation of blood vessels that feed tumors and also interferes with cellular processes that foster rapid growth." June 5, 2007
<http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2007/06/05/BUGMBQ7ES11.DTL>

Onyx, Bayer's Nexavar Extends Life in Cancer Patients (Update5)

As above. Patients lived 44 percent longer. June 4, 2007
<http://www.bloomberg.com/apps/news?pid=20601087&sid=ai6E8ytjIKBw&refer=home>

Articles focused on individuals

Troubled Portraits. A Firing Exposes Worries Over Medical Photo Method. Total Body Pictures Aim to Prevent Cancer; A Pioneer Sues NYU.

Discussion of the unusual creator of "total-body photography," which provides objective information on skin moles and their changes. History of his invention; his problems. June 5, 2007
http://online.wsj.com/article/SB118100773225924541.html?mod=googlenews_wsj

People. 2nd item: Freasiers honored.

"Allstate Insurance recently recognized the volunteer efforts of Agents Bob and Ann Freasier of Vidor by awarding two \$500 grants to the James A. Schlipman Melanoma Cancer Foundation, which helps support melanoma education, awareness and research grants." June 5, 2007
<http://www.theorangecountynews.com/news/2007/0606/Neighbor/013.html>

Tanning Firm Fights to Keep Paris Hilton Tan in Jail.

"The bosses of Paris Hilton's favourite tanning salon are hoping to cut through red tape in a bid to service the socialite in prison ... 'We're trying to arrange a tanning appointment while she's in there.'" June 4, 2007
http://www.postchronicle.com/news/original/article_21284452.shtml

Paris Hilton Prison Tanning Request.

As above. June 4, 2007
<http://www.femalefirst.co.uk/celebrity/Paris+Hilton+Prison+Tanning+Request.-15892.html>

Britney Spears Uses Tanning To Escape From The World, Or Used To.

She is in an episode of the new E! reality TV series Sunset Tan; reveals that she "tans to escape from the world...and to look pretty." June 5, 2007
http://www.postchronicle.com/news/original/article_21284689.shtml

Roll Call: Paris Builds Mysteries & Britney Bares Skin.

USMAGAZINE.COM has a video from the E! series, "Sunset Tan." Britney stops in the tanning salon for a "tanning-bed time followed by a Mystic spray." June 5, 2007
<http://www.accesshollywood.com/news/ah5611.shtml>

'Tanorexic teenager' has skin of 35-year-old.

"Experts have been shocked by the damage caused by the tanning sessions." June 5, 2007
http://www.24dash.com/showbiz_slapdash/21446.htm

Concert to help research.

The Wes Attebury Concert In The Park For Melanoma Awareness, Sunday. Organized by members of Forest Hills Baptist Church. Wes was initially diagnosed with melanoma at 23, died at 28. May 31, 2007
<http://www.courierpress.com/news/2007/jun/01/attebury/>

Cancer inspired me to be better athlete.

"Spalding athlete Michael Barnsdale wants to perform better than ever for Great Britain after undergoing two operations for skin cancer." June 6, 2007
<http://www.spaldingtoday.co.uk/sport?articleid=2933688>

Vitamin D – benefits and sources

Nutrition: Vitamin D and Calcium Intake Found to Affect Breast Cancer.

"Consuming high levels of vitamin D and calcium may offer some protection against the most aggressive kinds of breast cancer ... but only in premenopausal women." Dr. J. Lin of Harvard. June 5, 2007
<http://www.nytimes.com/2007/06/05/health/nutrition/05nutr.html>

Bone Health and Vitamin D and Preventing Weight Gain.

Studies presented at the Endocrine Society meeting in Toronto: (a) "Vitamin D may protect against age-related DNA shortening in women, a known risk factor for heart attacks." (2) "The effects of Vitamin D insufficiency are well studied in women but not in African American males. This study suggests that in African American men, vitamin D insufficiency may contribute to lower hip bone mineral density." June 1, 2007
<http://www.newswise.com/articles/view/530509/>

Decreased Vitamin D Levels Linked to Shorter Telomeres: Presented at ENDO.

"Decreased vitamin D levels are linked to shorter telomeres, the end pieces of DNA, according to a study presented here at the 89th annual meeting of the Endocrine Society...." June 15, 2007
<http://www.docguide.com/news/content.nsf/news/852571020057CCF6852572F100646E22>

The hidden costs of looking good.

Issue of unrealistic personal appearance goals and images "pushed" by media; dangers of various cosmetic procedures, especially tanning. Advice from dermatologist: "Don't fall for the speeches about sun and tanning beds helping the body produce vitamin D. You get enough from your diet or with the time you spend outdoors just walking to your car." June 4, 2007
<http://www.stltoday.com/stltoday/lifestyle/stories.nsf/healthfitness/story/51CDC5EB10AD24FD862572ED007143B8?OpenDocument>

Excessive tanning can pose serious health risk.

Mentions study by Dr. C. Rosen of Toronto Western Hospital, linking vitamin D "to positive effects on people already diagnosed with cancer, as well as other illnesses. Dr. Rosen says that just a few minutes of unprotected sun exposure is all that is needed for most people to produce enough vitamin D to receive the benefits of it ... In fact, after more than 10 minutes of sun exposure, the body breaks down vitamin D synthesis as opposed to continuing it." May 31, 2007
<http://www.timminspress.com/webapp/sitemap/content.asp?contentid=550722&catname=Editorial&classif=>

Prevent Cancer: 3 Ways To Pump Up Vitamin D.

"Compelling research has shown it can reduce the risk of several medical conditions including osteoporosis, gum disease, diabetes, arthritis, multiple sclerosis, and certain cancers." Get vitamin D-rich food; supplement; enjoy "a little" safe sun. "All you need is about 15 minutes, a few times a week (optimally before 10am and after 2pm)." June 4, 2007
<http://www.nbc11.com/msnbchealth/13438877/detail.html>

Tanning – UV and non-UV

Mostly UV

New Wrinkle for Tanning Junkies.

AAD says incidence of melanoma has increased 690 % from 1950 to 2001; tanning still popular. Psychologist Dr. H. Mahler of Univ. of California suggests wrinkles may be "scarier than cancer" for changing behavior of the young. Her 2006 study, with a UV camera showing their skin damage to the young. Her new study in *Health Psychology* shows that "in your face" intervention resulted in "sun-smart behavior for a full year." May 31, 2007
<http://www.nbc11.com/msnbchealth/13420232/detail.html>

Dose of vanity prescribed for tanning addicts.

"When you're in your 20s, you're not thinking about the consequences of skin cancer. But I do think about that scary neighbor lady in 'There's Something About Mary,' the one whose skin was completely fried and wrinkled and saggy." Also on Dr. Mahler's study; implications of a portion of population being "hooked on UV." May 31, 2007
<http://www.msnbc.msn.com/id/18928398/>

Medical experts, industry leaders debate effects of tanning beds.

A youthful skin cancer victim admits: "I lived in the tanning beds ...". Also gems from Dr. J. Spencer, here on industry using tanning beds as a defense against vitamin D deficiency. "Nobody goes to a tanning parlor to get vitamin D, they go there to get a tan," says Spencer. "You don't have to get melanoma to get vitamin D." June 3, 2007
<http://www.mysanantonio.com/salife/health/stories/MYSA060407.1P.TanningBeds.247489b.html>

As U.S. wises up to cancer risks, tans' cachet is fading.

"A poll of 1,004 people by The Skin Cancer Foundation and iVillage found that 53 percent said they didn't think they looked better with a tan, and 63 percent said they are not more attracted to someone who is tan." June 5, 2007
http://www.siltrib.com/ci_6059484

Tanning Especially Dangerous For Young Adults.

AAD found that of the 30 million Americans who use tanning beds, "almost ten percent of them are under 20." The study finding that "regular tanning in booths before the age of 35 increases the risk of potentially deadly melanoma by 75 percent ." Many states regulate tanning booths. June 1, 2007
<http://www.fox28.com/News/index.php?D=19452>

Salon gives customers warm, sunny feelings.

A salon owner says: "Our skin is designed to tan, and if it fits your lifestyle, that's what you should do ." A dermatologist explains: "People ask me how something natural such as sunlight can be bad for them.... Just think about asbestos -- it's natural, but it's still carcinogenic." June 3, 2007
<http://www.roanoke.com/news/nrv/wb/wb/xp-119241>

Lawsuit alleges man was burned in tanning bed.

"The plaintiff said after ten to twelve minutes he felt his skin burning and he opened the bed and climbed out after 15 minutes [originally set for 20]. According to the lawsuit, he suffered major burning, nausea, vomiting and severe pain due to the burns." May 30, 2007
<http://www.dailymail.com/story/News/2007053014/Lawsuit-alleges-man-was-burned-in-tanning-bed/>

Luxury and Profits. Hydrotherapy Services Pamper Customers.

"Offering hydrotherapy as an ancillary service can set a [tanning] salon apart because it appeals to today's modern tanning clientele ." Helps to bring non-tanners into the tanning salon. May 31, 2007
<http://www.lookingfit.com/articles/761feat2.html>

The benefits of tanning.

"When I first started indoor tanning, I was a little hesitant. A lot of my friends told me not to go and that I was going to get cancer. However, I began to notice how popular indoor tanning is." So HS student followed suit. June 5, 2007
<http://fredericksburg.com/News/FLS/2007/062007/06052007/289673>

Students sound off on summer skin tones.

"I think tanning is OK as long as you do it safely and you don't go overboard with it to the point where you can get skin cancer or turn orange." June 5, 2007
<http://fredericksburg.com/News/FLS/2007/062007/06052007/289673>

Is tanning for summer months healthy and revitalizing, or is it fake and risky? Depends on how you look at it.

Reasons not to tan – also from a HS freshman. June 5, 2007
<http://fredericksburg.com/News/FLS/2007/062007/06052007/289632>

Mostly non-UV

A Maturing Sunless Market.

Tanning bed industry website appraises the full range of sunless tanning, including non-UV tanning. "The sunless boom began in 1999 and exploded in 2000 as a way for salon operators to reach new generations of tanners ." May 31, 2007
<http://www.lookingfit.com/articles/761feat3.html>

Ask Dr. H. Sunless tanning.

"Sunless tanning products are not dyes, but rather a cream or lotion that contains a compound called dihydroxyacetone (DHA). DHA, a carbohydrate typically derived from sugar beets or sugar cane . reacts with the amino acid (keratin protein) in the outermost layer of skin to turn skin brown within a few hours of applying." June 4, 2007
http://www.philly.com/inquirer/columnists/mitchell_hecht/7819202.html

Gradual glow. Self-tanning lotions promise to deliver a healthy touch of sun.

"We tested 10 of the newest, reformulated or repackaged ones on shelves this spring. Here are the three that worked the best ." June 5, 2007
<http://www.thestate.com/126/story/82027.html>

Ibod Home Tanning System with Even Tan LED Guidance Light and New Rapid DHA Tanning Formula, Tans in Half the Time.

"The I-BOD Airbrush Instant Tanning System allows the user to get a gorgeous professional looking airbrush tan in the comfort of their home." May 31, 2007
<http://www.prweb.com/releases/2007/5/prweb529460.htm>

AUTUMN Singer Tests Self-Tanning Lotions; Video Available.

A vocalist of the Dutch metal band AUTUMN helped Holland's Nieuwe Revu to judge self-tanning lotions. A video of "testing the stuff" available. May 31, 2007
<http://www.roadrunnerrecords.com/blabbermouth.net/news.aspx?mode=Article&newsitemD=73621>

Sunscreen

New under the sun: Protective 'cocktail' screens that go on every which way.

June 2, 2007
<http://www.cbc.ca/cp/health/070602/x060204A.html>

Survey: 40% of people never use sunscreen.

Much of the article concerns "survey of more than a thousand people done by iVillage and the Skin Cancer Foundation" that "found that 53 percent of people surveyed believe they don't look better with a tan and 63 percent say they are not more attracted to someone who is tan." Also, "40 percent of people said they never use sunscreen ." June 2, 2007
<http://www.heraldextra.com/content/view/223650/4/>

Fact or Fiction?

A tanning industry website makes fun of opponents' statements, such as "tanning beds are 15, 25, 50 or 100 times stronger than natural sunlight." Agrees that the statement "indoor tanning is safer than sunlight" is a myth because salons should not be making such claims – the FDA forbids such claims! On sunscreens, cites an earlier study supposedly asserting that "chemicals in sunscreen with SPF actually may lead to skin cancer." Speculates that these chemicals may be causing the increase in skin cancer! (A correct interpretation of the California study seems needed.) May 31, 2007
<http://www.lookingfit.com/articles/761gotos.html>

Skin cancer can be easily prevented.

NJ dermatologists make suggestions. A comment on the article shows some confusion among studies or findings: "The bigger danger to sun worshippers isn't the sun --- It's the sunscreen! The chemicals in the sunscreen are far more damaging to the body than the sun itself. Sunlight has naturally occurring Vitamin D. Every human being needs at least 10 minutes of sunlight hitting their bodies every day, without any sunscreen protection." June 5, 2007
<http://www.courierpostonline.com/apps/pbcs.dll/article?AID=20070605/OPINION/706050314/1046>

Scientists turning sun protection battle inside out.

Mostly on the "beyond-sunscreens research." June 1, 2007
http://origin.insidebayarea.com/bayarealive/ci_6056571

Other Protection products

Chic Beachwear.

Expensive items. Mentions that sun-protective clothing is important. June 4, 2007
http://www.forbes.com/style/2007/06/02/beachwear-style-fashion-forbeslife-cx_hp_0604style.html

Sun Protection – It Could Save Your Child's Life.

Just Kidswear – has sun protection clothing with an SPF of 50+. June 5, 2007
http://www.responsesource.com/releases/rel_display.php?relid=31775&hilit=

Special skin-cancer related events

Skin damage: How much do you have?

On June 5 the Kentucky Cancer Program offered free screenings. June 5, 2007
<http://www.wbko.com/news/headlines/7852142.html>

Miscellaneous

Don't be afraid to question or challenge your doctor.

June 5, 2007
<http://www.dailyherald.com/health/silverman.asp?id=320094>

Climate and Carbon, Consensus and Contention.

Interesting questions. Last one: "How will the world politics of global warming play out, and how can I be a winner in that game?" Extensive discussion of defects of current climate models, mostly on the basis of remarks by a famous physicist, Freeman Dyson, that the models contain many omissions or fudges of physical processes. (Has a note on ozone layer, but does not say much about it.) June 4, 2007
<http://www.dissidentvoice.org/2007/06/climate-and-carbon-consensus-and-contention/>

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Ilona Melstrads](#)
To:
Bcc: [Drusilla Hufford](#)
Subject: SunWise News Roundup June 13, 2007
Date: 06/13/2007 02:42 PM



News Roundup Wednesday June 13, 2007

Skin cancer prevention / awareness: events

Fourth Grader Wins Cancer Awareness Poster Contest.

Winner of the SunWise with SHADE contest held by the NY State Department of Health: "Kelsey's poster won her a \$250 US Savings Bond, two tickets to a New York Yankees game and a \$500 donation to her school, provided by the SHADE foundation." June 7, 2007

http://www.longislandpress.com/?cp=162&show=article&a_id=12150

SHADE fights skin cancer.

S. Gorham, friend of S. Schilling, discusses work of SHADE Foundation. "We want to keep sun safety at the front of people's minds. A lot of people move here [Arizona] for the sun." SHADE's mission is "to eradicate melanoma through the education of children and the community in the prevention of skin cancer and the promotion of sun safety." June 12, 2007

<http://www.eastvalleytribune.com/story/91394>

Skin Care and Children - Part 3: How to Empower Children Through Skincare Education.

From Skincare-News.com. Discusses work of SHADE Foundation in educating children about skin care, including poster contests, online store "where parents can buy kid-friendly sun protectants". June 7, 2007

<http://www.prweb.com/releases/2007/6/prweb531402.htm>

Lemonade stand a hit.

Tradition continued, here by two boys, for "Alex Scott, the courageous Connecticut girl who died from cancer at age 8. She started Alex's Lemonade Stand, which in the seven years since her death has raised millions of dollars for cancer research." Boys raised \$200 for The SHADE Foundation and the Wellness Community. June 11, 2007

<http://www.nj.com/news/expresstimes/pa/index.ssf?/base/news-11/1181621202149460.xml&coll=2>

Mobile Classroom Helps Detect Skin Cancer. Dana Farber Experts Hit the Beach.

"Dana Farber Cancer Institute has special lights, mirrors camera lenses that highlight damage from sunlight.... Most people really don't have any idea what skin cancer would look like, so we have all types of pictures and diagrams. We spend time with them. We have a little quiz...." Mobile classroom started 2 years, ago. June 8, 2007

<http://www.thebostonchannel.com/news/13470836/detail.html>

Health Notes: Cancer center speaker series begins June 19

"A free speakers series on cancer, 'Knowledge Is Hope,' begins June 19 at the Sidney Kimmel Cancer Center." July 10, Melanoma. Partnership of the Center Foundation, the American Cancer Society, and others. Article also mentions the free booklets on skin care available through Rite Aid and the Skin Cancer Foundation at RA pharmacies. June 9, 2007

http://www.nctimes.com/articles/2007/06/10/health/17_42_076_7_07.txt

Borchilo ready to impress at state pageant.

Miss Crawford County will compete in the Miss Pennsylvania Scholarship Pageant with message about "The Burning Truth: Skin Cancer Awareness and Prevention." Has done work for the ACS. June 13, 2007

http://www.meadvilletribune.com/local/local_story_163233052.html

Taunton trio's skydive thank you.

A trio in UK "completed a 15,000 feet tandem skydive to raise money and to say thank you to the skin cancer charity 'Make Me Smile.'" June 12, 2007

http://www.somersetcountygazette.co.uk/mostpopular.var.1463943.mostviewed.taunton_trios_skydive_thank_you.php

Skin cancer awareness

What's New from Healthy U.

"Yesterday's sun can easily turn into tomorrow's cancer." Repeat of physicians' warning that no one is immune to skin cancer. June 11, 2007

<http://www.delmarvanow.com/apps/pbcs.dll/article?AID=/20070611/LIFESTYLE/706110323/1024>

Beware: Skin cancer risk is year-round.

Too much sun known to be bad. "But a little bit of golden glow looks attractive and is even healthy, right? Wrong."

Hollywood and others still oblivious. "How else could indoor tanning have become a \$5 billion industry?" June 13, 2007

<http://www1.arguscourier.com/apps/pbcs.dll/article?AID=/20070613/COMMUNITY/70612014>

Skin cancer prevention.

Dr. C. Jacob discusses the best protection against skin cancer. June 12, 2007
<http://abclocal.go.com/wls/story?section=websites&id=5389266>

Sun screening: Skin cancer survival rate is high if detected early.

Physicians' views, especially one that cannot be repeated often enough: "No such thing as a safe [UV] tan or sunburn. Concludes by noting that the U.S. Dept. of Health and Human Services has "declared ultraviolet (UV) radiation from the sun and artificial sources, such as tanning beds and sun lamps, as a known carcinogen...." June 9, 2007
<http://www.southcoasttoday.com/apps/pbcs.dll/article?AID=/20070610/LIFE/706100330/1018/OPINION>

Sunscreen helps block skin cancer.

Because of increase in skin cancer, German Cancer Aid urges people "to change their thinking ...to get away from the false notion that being sun-tanned is beautiful and healthy...." While spokesperson advises people to avoid exposure to direct sunlight, she nevertheless observes that "You also get a suntan in the shade - it's slower, but healthier...." Is that healthy? June 11, 2007
<http://www.earthtimes.org/articles/show/71383.html>

Wrinkles Worry Young People, Not Skin Cancer.

"Even though skin cancer does run in my family, it was the crow's feet that scared me," from a former, still very young, tanning enthusiast." June 11, 2007
http://kutv.com/health/local_story_162192954.html

Scots youths 'worst for sunscreen.'

UK's Teenage Cancer Trust also found "that one in three teenagers nationwide does not even know that prolonged exposure to the sun can cause skin cancer...." June 11, 2007
http://icwestlothian.icnetwork.co.uk/news/nationalnews/nationalnews/tm_headline=scots-youths--worst-for-sunscreen-&method=full&objectid=19279897&siteid=92284-name_page.html

Skin cancer data and risk

Skin Cancer, Wealth, Poverty and Journalism Done Badly.

Writer provides perspective on the next items about study of skin cancer in Northern Ireland. She is dismayed that the press release and news items focused on the superficial and known aspects of melanoma – that largest increases are among the affluent. They neglected other aspects found in the study itself - concern with underestimating skin cancers among the poor, that death rates for the poor are rising, the need for more specialists. June 12, 2007
http://www.huffingtonpost.com/deborah-blum/skin-cancer-wealth-pove_b_51778.html

Rising Skin Cancer Rates are More Likely to Affect Wealthy People [in Northern Ireland], Says 12-year Review.

Since the 1990s, skin cancer patient numbers increased by 20%, skin cancer samples processed in labs rose by 62%. The melanoma data were 48% and 75%, respectively. Skin cancers are "more likely to affect men, older people and those living in more affluent areas." Dr. S. Hoey and Dr. O. Dolan of Royal Victoria Hospital, June 2007, *British Journal of Dermatology*. June 2007. June 11, 2007
<http://www.sciencedaily.com/releases/2007/06/070611100602.htm>

Rising Skin Cancer Rates Are More Likely to Affect Wealthy People, Says 12-year Review.

The "three most common skin cancers - basal cell carcinoma, squamous cell carcinoma and malignant melanoma - accounted for 27 per cent of all male cancers and 26 per cent of all female cancers....Women living in affluent areas werenearly two and a half times more likely to suffer from malignant melanoma." June 11, 2007
<http://www.dentalplans.com/articles/19475/>

Holidays blamed for rising NI skin cancer.

"At a time when more people take more trips to global sun spots, it is the wealthy who are more likely to be affected.... The specialists said the general increase of skin cancer, coupled with ageing populations, will place greater demands on dermatology ... over the coming years." June 11, 2007
<http://www.utvlive.com/newsroom/indepth.asp?id=82855&pt=n>

Blacks Can and Do Get Skin Cancer.

"It is very rare for African-Americans to get melanoma, but too much exposure to the sun can cause several health problems for people with darker skin," from A. Bergeron of the American Cancer Society. June 11, 2007
<http://www.ktre.com/Global/story.asp?S=6642468&nav=2FH5>

U.S. Open. The stars will shine this week at Oakmont, but fans should beware of that biggest star of all -- the sun.

Dr. J. M. Kirkwood of the Univ. of Pittsburgh's Melanoma and Skin Cancer Program utters a "variation on the classic golf-ball warning: 'Ten to 4!'" Attendees to beware of the sun; protect yourselves or avoid it between 10 a.m. and 4 p.m. Speculates that endorphins involved. "That is why people are ... turning their skin into shoe leather...." June 10, 2007
<http://www.post-gazette.com/pg/07161/792751-382.stm>

Sunny summer days increase risk of deadly skin cancer.

Alamance County's health education director warns against UV - the county's melanoma incidence is 70% above the state's average. Tips include: Watch for the day's UV index. June 10, 2007

Cases of melanoma increase.

Individuals' stories and notes from health care providers. A Billings hospital just discovered that melanoma has become its single most common cancer. "Experts don't know why melanoma is becoming more common, although some blame it on aging baby boomers who spent their youth baking in the sun. Others, like Wentzell, think Americans have more leisure time than we used to and that we spend more of it in the sun." June 12, 2007
<http://www.billingsgazette.net/articles/2007/06/12/news/local/20-melanoma.txt>

Shorts, sleeveless Ts could make you prone to skin cancer.

Mostly from Indian Cancer Society. June 12, 2007
http://www.indianmuslims.info/news/2007/jun/13/shorts_sleeveless_ts_could_make_you_prone_skin_cancer.html

Play safe in the sun.

"...[C]ases of skin cancer in Wales have risen drastically in the past few years....Sun protection has become second nature in hot countries such as Australia, yet in Wales we are continuing to lapse behind our international counterparts." June 11, 2007

http://icwales.icnetwork.co.uk/0100news/features/tm_headline=play-safe-in-the-sun&method=full&objectid=19278258&siteid=50082-name_page.html

UV and ozone layer

Sun Protection - 73% of People Don't Know What UV Stands for!

UK's campaign to raise awareness of sun protection discovered "that 73% of people admitted to not knowing what UV stands for. Further still, 85% had no idea what the differences between UVA and UVB rays are and only 65% knew whether their sun lotion protected against both UVA and UVB rays." The last item seems surprising. June 11, 2007
http://www.easier.com/view/Lifestyle/Beauty/Skin_Care/article-121613.html

Ozone boffins come to town.

Scientists come to Northwich "to celebrate the UK's contribution to ozone layer research," and the 20th anniversary of Montreal Protocol to protect the ozone layer. "There's still a 28m square mile hole at the Antarctic and smaller ones at the Arctic.... The treaty seems to have stopped the decline to a degree but we've still not got recovery, which should be possible if we look after the atmosphere but the things put up there have an amazingly long half life." June 7, 2007
http://www.thisischeshire.co.uk/display.var.1449206.0.ozone_boffins_come_to_town.php

White House revisits climate, satellites issue. Science adviser tells lawmakers that cheaper options being weighed.

Administration planning to cut back the National Polar-orbiting Operational Environmental Satellite System "to four satellites and omitting or downgrading the quality of most global warming monitors on them...." May restore one ozone monitor. "...[O]zone sensors are required to fulfill U.S. obligations under the Montreal Protocol, a United Nations treaty first signed in 1989 to deal with the ozone hole over Antarctica." June 8, 2007
<http://www.msnbc.msn.com/id/19108871/>

Colorado State Scientists Study Sun's Radiation to Track Pollution Sources.

Describes the unique nature of Colorado State's UV research, its 36 research stations, and how it may help Mexico to regulate pollution, including the bad ozone on the ground level. A mistake on UVA radiation seems to have occurred in article: "Ultraviolet light ...is separated into three groups: UVA, which is not damaging to organisms; UVB, which is known to damage DNA and result in mutations; and UVC." June 11, 2007
<http://www.pollutiononline.com/content/news/article.asp?DocID=%7B2A48BD9B-745A-45A1-9759-E0803D180EDE%7D&Bucket=Current+Headlines>

G8 Countries Building Consensus on Addressing Climate Change.

On European and US views of global warming, carbon dioxide emissions. US argues that its approach uses same strategy with warming issue and carbon dioxide emissions that was successful in addressing ozone depletion under Montreal Protocol. June 7, 2007
http://presszoom.com/story_133703.html

G8: India Stonewalls Demand for Emission Cuts.

Article critical of India's approach. Indian commentators "are calling for a U.S.-sponsored 'Marshall Plan II ...which will finance the developing countries' transition towards cleaner, less polluting technologies.... But we have seen from the experience of the Montreal Protocol on ozone-depleting substances that such funds are cornered by corporates [sic] and nothing trickles down to the larger society...." June 7, 2007
<http://www.ipsnews.net/news.asp?idnews=38074>

Newsmaker: Nuke power not so clean or green.

Dr. Caldicott continues her 35-year effort "to educate the public about the health hazards of nuclear power." Mentions a KY coal-fired plant to produce the electricity to enrich the uranium: "93 percent of the CFC 114 gas released in the United States is through leaking pipes at that plant...." June 11, 2007
http://news.com.com/2102-11392_3-6189817.html?tag=st.util.print

Consumers [in Philippines] urged to buy only CFC-free vehicles, aircons, refs.

Land Transportation Office and Environmental Management Bureau advise consumers intending to buy new cars, new refrigerators and home air-conditioning units to make sure that they are CFC-free. June 8, 2007
<http://www.pia.gov.ph/default.asp?m=12&fi=p070608.htm&no=03&r=&y=&mo=>

Adapting to cooling trends in the market.

Boom in Gulf States' markets for air-conditioning. "It is a matter of time before laws in the Middle East get aligned with international legislation such as the Montreal Protocol that restricts the use of non-ozone friendly refrigerants." June 10, 2007
<http://archive.gulfnews.com/articles/07/06/11/10131478.html>

30 Refrigeration technician associations on MRM training.

Gambia prepares to phase out Ozone Depleting Substances by 2010. June 13, 2007
http://www.observer.gm/enews/index.php?option=com_content&task=view&id=7889&Itemid=1

International Issues Workshop addresses hot topics. Methyl bromide on front burner.

Industry attendees at the 2007 International Issues Workshop discuss chemical and non-chemical alternatives to methyl bromide. They were carbonyl sulfide, methyl iodide, sulfuryl fluoride, propylene oxide and ozone among chemical alternatives and non-chemical methods such as "radio frequency, cold storage, modified atmosphere, vacuum, mating disruption, natural enemies and ionizing radiation." June 8, 2007
<http://www.capitalpress.info/main.asp?SectionID=67&SubSectionID=616&ArticleID=32793&TM=75050.55>

UV index

High temperatures, clear skies forecast,

Mentions a UV index of 11 on June 11 for parts of AL! June 11, 2007
<http://www.al.com/news/mobileregister/index.ssf?/base/news/118155331547060.xml&coll=3>

UV and eyes

Here Comes the Sun: Are Your Eyes Ready for It?

"You know the sun can be harmful to your skin, but do you know about the damage it can inflict on your eyes?" June 12, 2007
http://www.occupationalhazards.com/Issue/Article/67436/Here_Comes_the_Sun_Are_Your_Eyes_Ready_for_It.aspx

Smart Sunglasses.

June 12, 2007
http://www.hoiness.com/news/news_story.aspx?id=37942

Made in the shades: Sunglasses can save sight.

June 12, 2007
<http://www.mlive.com/entertainment/grpress/index.ssf?/base/features-1/118165605485060.xml&coll=6>

Five Reasons to Wear Sunglasses.

June 11, 2007
<http://www.foxnews.com/story/0,2933,279516,00.html>

Check Specs on Specs. Don't be a Fashion Victim in Weak Sunglasses.

June 12, 2007
http://www.nypost.com/seven/06122007/entertainment/health/check_specs_on_specs_health_dr__rock_positano.htm

On new skin cancer research

Alzheimer's Enzyme Acts As A Tumor Suppressor.

"Researchers at Burnham Institute for Medical Research ... provided the first evidence that gamma-secretase, an enzyme key to the progression of Alzheimer's, acts as a tumor suppressor by altering the pathway of epidermal growth factor receptor (EGFR), a potential treatment target for cancer." Online, *Proceedings of the National Academy of Sciences*. "Mice deficient in PS/gamma-secretase activity tend to develop skin cancer." June 12, 2007
<http://www.medicalnewstoday.com/medicalnews.php?newsid=73624>

Additional recent articles on previously-listed skin cancer items

Sun Exposure Early In Life Linked To Specific Skin Cancer Gene Mutation.

Dr. N. Thomas study found melanoma subtypes: that early life sun exposure, from birth to 20 years of age, "may specifically increase the risk of melanomas with BRAF gene mutations. A different mutation, on the NRAS gene, was found in patients who had sun exposure later in life (between ages 50 to 60 years old)." Funded by the Dermatology Foundation, the NCI, and UNC. June 11, 2007
<http://www.sciencedaily.com/releases/2007/06/070609112927.htm>

Sun Exposure Early in Life Linked to Specific Skin Cancer Gene Mutation.

The Thomas study. "The findings come from the initial phase of an ongoing study that will ultimately include more than 1,000 patients from the U.S. and Australia." June 11, 2007
<http://www.infozine.com/news/stories/op/storiesView/sid/23425/>

Unraveling Melanoma's Mysteries.

Dr. Thomas's study. June 11, 2007
<http://www.scientistlive.com/17908/unraveling-melanomas-mysteries.html>

Early exposure linked to specific skin cancer.

"Just in time for school summer vacations, researchers have found additional evidence that sun exposure early in life from birth to 20 years old, may increase the risk of the deadly form of skin cancer with a specific type of genetic mutation." June 11, 2007
http://www.cancerfacts.com/Home_News.asp?NewsId=2178&CB=14&CancerTypeId=4

Skin Cancer Affected by Overall Sun Exposure, not just Sunburn.

Mostly from Dr. Thomas's study. June 12, 2007
http://www.associatedcontent.com/article/278040/skin_cancer_affected_by_overall_sun.html

Sun exposure early in life associated with specific skin cancer gene mutation.

June 9, 2007
<http://news.sawf.org/Health/38322.aspx>

New blood test detects likelihood of melanoma.

"Melaris is a new blood test from Myriad Genetic Laboratories that can detect a gene mutation whose presence greatly increases one's chance of developing malignant melanoma." June 12, 2007
<http://www.orlandosentinel.com/features/lifestyle/orl-askthedr1207jun12,0,245219.story?coll=orl-home-lifestyle>

Skin cancer detection and treatment

Melanoma Immunotherapy Promising with Low-Dose Interferon.

"Although constrained by rigorous statistics from saying so,' Dr. Malcolm S. Mitchell told Reuters Health, the Melacine combination 'appeared at least as good as the far more toxic high-dose interferon regimen, with any trend showing superiority of the former.' May 20 *J. of Clinical Oncology*. Dr. Mitchell said status of "Melacine, despite continually encouraging clinical results over more than 20 years, is in limbo at the moment, because no company is producing it." June 12, 2007
<http://www.cancerpage.com/news/article.asp?id=11003>

Articles focused on individuals

Back on course.

"Skin cancer clouded the start of Kailin Downs' pro golf career, but the Bend golfer is playing on the Futures Tour, determined to pursue her lifelong dream." She is 23. Having been treated for melanoma, she will continue to evaluate her pursuit of professional golf. June 11, 2007
<http://www.bendbulletin.com/apps/pbcs.dll/article?AID=/20070610/SPORTS05/706100367>

Neeley says she's fine after surgery to remove melanoma.

"Texas Education Commissioner Shirley Neeley said Tuesday she had a melanoma removed from her right leg but has been given a clean bill of health." First diagnosed with melanoma in 1985. June 12, 2007
<http://www.chron.com/disp/story.mpl/ap/tx/4883345.html>

A Life Story: Determination got her through.

50-year old woman who became bank officer dies following a battle with melanoma since 2001. "After getting married and having three daughters, it took her a while" to obtain her BA. June 10, 2007
<http://www.dailysouthtown.com/news/420758,102NWS1.article>

Dolphins Notebook. Ginn takes part in 1st minicamp.

Towards end of article, Cameron on potential conflicts: "'When you've experienced melanoma cancer, these kinds of things really don't churn your stomach,'" said Cameron, who was diagnosed with melanoma as an assistant coach at the University of Michigan from 1984-93." June 10, 2007
<http://www.miamiherald.com/588/story/134189.html>

Skin cancer: two cautionary tales. Bradenton dance teacher offers advice.

June 9, 2007
<http://www.bradenton.com/health/story/68267.html>

Paris Hilton got a 10-day tan before heading back to jail.

"....Prisoner Paris enjoyed an at-home spray tanning session from Beverly Hills' Portofino Sun Spa on Thursday..... Hilton's fake tan should last 7-10 days." June 10, 2007
http://thebosh.com/archives/2007/06/paris_hilton_got_a_10_day_tan_before_heading_back_to_jail.php

Oh Warden, where's the tanning cell?

June 6, 2007

http://www.jacksonville.com/tu-online/stories/060607/enc_174984310.shtml

Swim coach is hung out to dry by SDSU's [San Diego State Univ.] AD [Athletic Director].

1972 Olympic medalist, who championed the school's new on-campus pool, will not be training team there – school did not do well (but did not have on-campus pool). She herself faces cancers, including melanoma. June 13, 2007

<http://www.signonsandiego.com/sports/aztecs/20070613-9999-1s13azswim.html>

Vitamin D – levels, benefits, and sources

Levels

Lack of sun does not explain low vitamin D in elderly who are overweight.

Dr. S. Harris and Dr. B. Dawson-Hughes of USDA and Tufts interviewed “381 Caucasian men and women aged 65 and over” on sun exposure; measured participants’ body fat and blood levels of 25-hydroxyvitamin D, and analyzed dietary questionnaire. “Sunlight exposure could not account for low vitamin D stores in older people with high percent body fat...”

June 11, 2007

<http://www.innovations-report.de/html/berichte/medizin/gesundheit/bericht-85614.html>

Vitamin D in Elderly Said to Sequester Itself in Fatty Tissue.

“...[T] the most likely explanation is that the fatty tissue sequesters vitamin D and stops it from getting into the circulation.... Few of the volunteers reported sunscreen use (10% of men and 21% of women).....” Funded by USDA and NIH. *J Clin Endocrin Metab.* June 8, 2007

<http://www.medpagetoday.com/PrimaryCare/DietNutrition/tb/5898>

Vitamin D deficiencies in overweight.

"Vitamin D is especially critical in maintaining bone health, and there is evidence that many older Americans have low blood levels of vitamin D, which can put them at risk for bone fractures and osteoporosis," from Dr. B. Dawson-Hughes....." June 12, 2007

http://www.retiretothesun.com/?page=news_article&location=1&article=18176690

How much sun exposure should we be getting?

Varied dermatologists, especially Dr. S. Harris. "In terms of vitamin D, a little sun goes a long way," said Harris. In the U.S., about half of women and a quarter of men suffer from vitamin D deficiency, she said..... Harris said New Englanders can only get vitamin D from sunlight between March to October — the ultraviolet light needed for the skin to produce the vitamin is not strong enough in the winter months." Need supplements in fall and winter. June 9, 2007

<http://www.townonline.com/natick/homepage/x1175707246>

New vitamin D benefit study - considered a landmark "but not last word"

Vitamin D Reduces Cancer Risk [several cancers that arose over 4 years in 3 groups].

Dr. J. Lappe et al. of Creighton Univ. randomly assigned older women without cancer “to take daily dosages of 1,400-1,500 mg supplemental calcium, 1,400-1,500 mg supplemental calcium plus 1,100 IU of vitamin D3, or placebos.... Over the course of four years, women in the calcium/vitamin D3 group experienced a 60 percent decrease in their cancer risk than the group taking placebos.” June 8, 2007

<http://www.prnewswire.com/cgi-bin/stories.pl?ACCT=104&STORY=/www/story/06-08-2007/0004604800&EDATE=>

Landmark study shows Vitamin D reduces cancer risk

Dr. Harris’s study of post-menopausal women. “Participants taking calcium, as well as a quantity of Vitamin D3 nearly three times the U.S. government’s Recommended Daily Amount (RDA) for middle-age adults, showed a dramatic 60 percent or greater reduction in cancer risk than women who did not get the vitamin and those taking just calcium supplements.” June 8, 2007

<http://www.reliableplant.com/article.asp?>

pagetitle=Landmark%20study%20shows%20Vitamin%20D%20reduces%20cancer%20risk&articleid=6777

Vitamin D aids older women.

“The findings ... are a breakthrough of great medical and public health importance....” On the other hand, “It’s a very small study,” because only 50 cancer cases all told were found over time in the 3 groups. June 12, 2007

http://www.timesleader.com/living/20070612_12_VITAMIND_HEA_ART.html

Vitamin D cuts cancer risk in study of U.S. women.

“Lappe said additional research is needed to figure out whether the protective effect seen in the older white women also applied to men, younger women and other ethnic groups.” Dr. M. Thun of the ACS is quoted as saying study is not enough for recommending people take vitamin D supplements to ward off cancer. June 8, 2007

<http://www.sciam.com/article.cfm?alias=vitamin-d-cuts-cancer-ris&chanID=sa003&modsrc=reuters>

Clarification: Vitamin D-Cancer story.

Dr. M. Thun says he misunderstood a reporter’s question and holds “no position on whether those amounts should be changed. He also said he thinks it’s too early to recommend using vitamin D to prevent cancer.” June 8, 2007

<http://www.fortwayne.com/mld/newssentinel/news/local/17343567.htm>

Clarification: Vitamin D-Cancer story.

June 8, 2007

<http://www.onelocalnews.com/whiterockreviewer/stories/index.php?action=fullnews&id=120587>

More Evidence that Vitamin D Reduces Risk of Cancer in Women.

Mentions 2 studies. 1. Harvard (J. Lin et al.) study (mentioned in an earlier roundup) showed that "higher intakes of calcium and vitamin D may reduce the risk of developing premenopausal breast cancer." This study did not find a risk reduction for post-menopausal women, May 28, 2007, *Archives of Internal Medicine*. 2. Creighton University (J. M. Lappe et al.) study "reported that supplementation with vitamin D and calcium reduces the risk of cancer. June 11, 2007 http://professional.cancerconsultants.com/oncology_main_news.aspx?id=39937

Canada – in an experiment to test for vitamin D benefits?

Canadian Cancer Society recommends vitamin D.

"The Canadian Cancer Society's decision to recommend to the entire adult population of Canada to begin taking vitamin D supplementation is a first for a cancer agency." Bases are past studies and new study of Dr. Harris. "I think it will offer leadership in the world... as Canada will be the first country in the world to adopt this public health recommendation," from Dr. C. Garland of Univ. of California. June 8, 2007

http://www.ctv.ca/servlet/ArticleNews/story/CTVNews/20070608/cancer_recommendations_070608/20070608?hub=Health

Vitamin D significantly reduces the risk of cancer.

More on Dr. Harris's study. "The study has prompted the Canadian Cancer Society to advise all Canadian adults to take large doses of vitamin D during the sun-poor winter months, and says the elderly and those with dark skins should take the supplements year round." Adults to take 1,000 IUs of vitamin D a day during fall and winter; "the elderly, dark-skinned people, or those who don't go outside often, should consider supplements year round." June 11, 2007 <http://www.news-medical.net/?id=26203>

Canadian Cancer Society announces national program to prevent cancer using vitamin D.

"Canada has done what the U.S. refuses to do: Protect the health of its people through a national program of encouraging vitamin D supplementation." With unique logic, writer also asserts that US "cancer industry" does not want to prevent cancer; he urges sunlight exposure as often as possible, never chemotherapy or radiation, and finally-he claims there is no such thing as cancer! June 11, 2007

<http://www.newstarget.com/021896.html>

Vitamin D: Will it fight disease where others have failed?

"Canadian Cancer Society has listened to calls by scientists to increase vitamin D intake." Article reviews the many failed vitamins and nutrients touted as cancer preventives. Considers special features of Dr. Harris's study and decides in favor of prudent additional vitamin D supplementation. June 11, 2007

<http://www.theglobeandmail.com/servlet/story/LAC.20070611.LVITAMIN11/TPStory/specialScienceandHealth/columnists>

Study sparks run on vitamin D.

"Vitamin D pills are apparently flying off the shelves in Montreal. The rush follows publication of a new study indicating that high doses of the vitamin can reduce the risk of developing some common cancers." June 11, 2007

<http://www.canada.com/saskatoonstarphoenix/news/national/story.html?id=22a423a8-5080-4a1e-b536-971d2d1fe600>

Consult doctor before boosting vitamin D intake, advises [Canadian] Cancer Society.

Mentioned with last week's recommendation. "The reason the recommendation is for fall and winter is because of where we live in Canada, almost all Canadians are at risk of vitamin D deficiency during the fall and winter because we don't produce any vitamin D from exposure" June 13, 2007

http://bodyandhealth.canada.com/channel_health_news_details.asp?news_id=12593&news_channel_id=12&channel_id=12&rot=11

No need to rush out and buy vitamin D, cancer society says.

Fall and winter. June 13, 2007

<http://www.therecord.com/NASApp/cs/ContentServer?>

[pagename=record/Layout/Article_Type1&c=Article&cid=1181710713412&call_pageid=1024322086066&col=1024322199686](http://www.therecord.com/NASApp/cs/ContentServer?pagename=record/Layout/Article_Type1&c=Article&cid=1181710713412&call_pageid=1024322086066&col=1024322199686)

Manufacturers prepare for increased Vitamin D demand.

"A Canadian Cancer Society call for adults to take more vitamin D to reduce the risk of cancer could be good news for pharmaceutical companies, drug stores and grocery chains if consumers buy more of the vitamin this fall and winter, when it is most needed." June 10, 2007

<http://money.canoe.ca/News/Sectors/BiotechnologyHealth/2007/06/08/4245718-cp.html>

Other items on vitamin D

Vitamin D: Breaking Research - Bone Health and Vitamin D.

June 10, 2007

<http://www.spiritindia.com/health-care-news-articles-10485.html>

Tanning

Been down at the beach self-harming again? Nice.

Blistering prose for blistering Brits. "[A]t a time when the nanny state has never been more fanatical about smoking, drinking and obesity, tanning continues to be perceived as not merely socially acceptable, but positively to be desired: a healthy glow and prevailing platitude.... sun misuse transcends class and is as likely to be prevalent among the combusting Chianti-quaffing classes as it is among the broiling lemmings on the costas...." June 12, 2007

http://www.timesonline.co.uk/tol/comment/columnists/guest_contributors/article1917836.ece?openComment=true

The Negatives of Sun Tanning Alternatives.

Article says that the alternatives to tanning in sun are risky except for non-UV tanning. Mentions the WHO warning against tanning beds. Yet writer proceeds to say that "...[u]sing a tanning bed should be eased into, starting with short sessions so that the customer can potentially gain the ability to utilize the complete twenty minute sessions." June 10, 2007

http://www.associatedcontent.com/article/270199/the_negatives_of_sun_tanning_alternatives.html

The Negatives of Sun Tanning Alternatives.

From above. June 11, 2007

<http://www.dentalplans.com/articles/19409/>

Can't Stand the Heat? Stay Out of the Tanning Booth.

Advice from Texas Cooperative Extension. "Tanning beds have been marketed as a 'safe' alternative to sunbathing outdoors," from Ms. Schoessow. "However, tanning is actually an unhealthy habit." Even if you have a "base" tan, you can get a sunburn. June 11, 2007

<http://agnews.tamu.edu/dailynews/stories/CFAM/Jun1107a.htm>

Looking good takes a lot more than just basic makeup.

Repeat of article on unrealistic goals for personal appearance and associated health risks from tanning, tattoos, etc. June 10, 2007

<http://www.poststar.com/articles/2007/06/11/ae/today/cdeed82ac4e9d220852572f7000d51a3.txt>

Bronzing between classes. Tanning beds hot perk at apartments. Trend excites students, worries dermatologists.

On the burgeoning provision of free tanning bed use included with rent in several student apartment buildings near N.C. State University. Immediate hit with students. June 11, 2007

<http://www.charlotte.com/local/story/155345.html>

Crush Tan Spa offers fabulous high tech tanning experience now. Located inside Westfield Mall, Brandon.

Has the "best of Ergoline equipment... built-in airconditioning and aroma therapy, body misters, manual control from within the chamber...." June 7, 2007

<http://www.mmdnewswire.com/crush-tan-spa-offers-fabulous-high-tech-tanning-experience-now-located-inside-westfield-mall-bandon-1704-2.html>

Tanning Leader Desert Sun Announces U.S. Expansion, Targets West Coast.

Desert Sun to "open 50 locations across the United States in 2007 and is seeking franchise owners to pursue this entrepreneurial opportunity." June 7, 2007

http://seattle.dbusinessnews.com/shownews.php?newsid=121751&type_news=latest

Vitamin D vindication for Fabutan President.

President of a Canadian indoor tanning chain says his 2006 agreement with the Canadian government allowed him to promote indoor tanning as a source of vitamin D. But was not allowed "to promote vitamin D as cancer preventative unless demonstrated by a randomized control trial peer reviewed [in a] medical or scientific journal." President feels this has been achieved with the Creighton Univ. study. June 13, 2007

<http://www.newswire.ca/en/releases/archive/June2007/13/c3947.html>

Why They Hate Us.

On E!, the "reality series" about a tanning salon. Show "will have a dead person whose last request was to get a tan.... [plus an] "8-year-old girl who gets a \$1,300 tan so she can look like Lindsay Lohan...." June 7, 2007

http://www.laist.com/2007/06/07/why_they_hate_u.php

Sunscreen

Current rating for UVB protection and proposed rating for UVA

What sunscreen works best?

Consumer Reports tested 20 sunscreens. All OK in meeting their SPF ratings (for UVB rays). Several failed to protect against UVA, for which standards do not yet exist in US. June 11, 2007

<http://detnews.com/apps/pbcs.dll/article?AID=/20070611/LIFESTYLE/706110373/1005>

What's in a number? High SPFs may give sunscreen users a false sense of security.

S. Schilling and others present differing views on usefulness of sunscreens with high SPFs. June 7, 2007
http://www.boston.com/yourlife/articles/2007/06/07/whats_in_a_number/

Docs Warn Sun Worshipers to Protect Skin.

As in a prior article, advice from NJ dermatologists. June 9, 2007
http://www.christianpost.com/article/20070609/27886_Docs_Warn_Sun_Worshippers_to_Protect_Skin.htm

Sunscreens and Ratings May Improve.

FDA will formulate ratings for sunscreens on how well they protect against UVA rays. Article also discusses Dr. Thomas study on melanoma subtypes and the UV measurement data used in study. June 11, 2007
<http://www.latimes.com/news/nationworld/politics/wire/sns-ap-healthbeat-sun-safety,1,2992073.story?coll=sns-ap-politics-headlines>

Sunscreens - and ratings - may improve.

June 11, 2007
<http://localnewsleader.com/jackson/stories/index.php?action=fullnews&id=121449>

Study shows the importance of sunscreen.

Dr. Thomas on sunscreens; the FDA's ratings change; the new, more stable ingredients in sunscreens. June 12, 2007
<http://www.eontarionow.com/health/2007/06/12/study-shows-the-importance-of-sunscreen/>

Too much sun in childhood leads to deadly skin cancer later on.

On the new FDA rules to be introduced for UVA rays. Supported by new evidence, including Dr. N. Thomas's study of melanomas. "UVA, which can even penetrate window glass, varies from state to state, even day to day, because of factors such as altitude, cloud cover and ozone." June 12, 2007
<http://www.news-medical.net/?id=26217>

Parents should limit child's UV exposure even with sunscreen.

Similar to above or v.v. June 12, 2007
http://www2.ijworld.com/news/2007/jun/12/parents_should_limit_childs_uv_exposure_even_sunsc/

Sunscreen-and-bug repellent combinations

Using sunscreen can protect against skin problems.

"Proper application of sunscreen is the key....Because of the need to reapply sunscreen... families should avoid products that combine sunscreen and bug repellent." June 9, 2007
<http://www.postcrescent.com/apps/pbcs.dll/article?AID=/20070609/APC0404/706090602/1029>

Scrutiny for Sunscreen-Repellent Combos.

Some studies imply that "mixing sunscreen with the insect repellent DEET might increase DEET absorption - and make sunscreen not protect as well." FDA regulates sunscreen; the EPA regulates insect repellent: combinations in regulatory limbo. But "FDA put out a notice seeking comment on whether concerns were strong enough that the products should have additional oversight." June 11, 2007
<http://www.forbes.com/feeds/ap/2007/06/11/ap3809142.html>

Scrutiny for sunscreen-repellent combos.

As above. Another problem: "...sunscreen is supposed to be applied repeatedly in great dollops, as sweating or swimming wears it off. And it's for young children, starting at 6 months of age. But insect repellents have limits on how often they're used...." June 11, 2007
http://seattlepi.nwsourc.com/health/1500AP_Sun__Bug_Sprays.html

Combining Sunscreen and Bug Repellent May Have Drawbacks.

"The Food and Drug Administration says about 20 versions of the combination are sold. Manufacturers say the studies that raise the questions are flawed." June 12, 2007
<http://www.wfmynews2.com/news/mostpopular/article.aspx?storyid=85617&provider=top>

Sunscreen and bug spray: Parents beware.

"'This is one combo you don't want to dance to,' said Dr. Miguel Fernandez of the South Texas Poison Center. 'You don't want to put sunblock with the DEET, because it will allow several times as much DEET to be absorbed.'" June 12, 2007
http://www.wfaa.com/sharedcontent/dws/wfaa/localnews/news8/stories/wfaa070612_wz_bugspray.3db7a547.html

Questions about sunscreen-bug repellent combos.

June 11, 2007
<http://www.starttrbune.com/1244/story/1238950.html>

Other sunscreen issues

Sunscreen Safety.

Breezy discussion. "No tan is safe," from a dermatologist. "SPF tells you how long you can go without burning. Here's a rough guide: If you normally burn in 20 minutes and you use SPF 15, you can multiply 20 by 15 to get your time." That is

quite a lot. June 11, 2007
<http://www.newschannel5.com/Global/story.asp?S=6641848>

Doctor: 'Wear sunscreen please.'

"You need to check whether the sunscreen you buy contains the longer-lasting type [of ingredients, such as the new formulation of avobenzene]." June 8, 2007
<http://www.telegram.com/apps/pbcs.dll/article?AID=/20070608/NEWS/706080562/1102>

Dr. Robert Rey Says, 'Wear Your Sunscreen' to Prevent Skin From Aging Too Quickly.

Exposure to the sun in any dose does the skin more harm than good. June 7, 2007
<http://sev.prnewswire.com/health-care-hospitals/20070607/NYFNSP0607062007-1.html>

Perfect 10: These could help you live longer.

Tip 8. Wear sunscreen: Staying out of the sun is best, especially during 10 a.m. and 4 p.m. "For others, at least lather sunscreen — with SPF 15 or higher and one that protects against UVA and UVB rays." June 11, 2007
http://www.insidebayarea.com/sanmateocountytimes/ci_6112968

Fun in the sun ... ?

Informal views of one dermatologist, mainly orthodox. June 10, 2007
<http://www.argusobserver.com/articles/2007/06/10/news/us/us01.txt>

Skin does its best to protect body from UV light.

June 11, 2007
<http://www.wcfcourier.com/articles/2007/06/11/features/lifestyles/2fdf57e394634a13862572f30062e173.txt>

Be sun-safe this summer.

"Sunscreen may be one of those most important products you will buy over the next few months, but properly protecting yourself from the sun involves more than just a little lotion load-up." Reapply, reapply, reapply. June 11, 2007
http://www.galwayfirst.ie/index.php?option=com_content&task=view&id=1111&Itemid=606

Fight UV rays daily with sun safety tips.

"For a normal workday (working indoors): SPF 15 on the ears, face and backs of the hands — the most common areas for skin cancer. When outdoors: Apply water- and sweat-resistant SPF 30 to all exposed areas, reapplied every 45-60 minutes." Consider protective clothing. June 11, 2007
<http://www.thenorthwestern.com/apps/pbcs.dll/article?AID=/20070611/OSH05/706110351/1168>

Proper sunscreen application a must to ensure children's safety outdoors.

Dr. Forney "warns parents that chemical sunscreens need to be applied 30 minutes before going in the sun. Sunscreens that contain metals like zinc oxide and titanium dioxide provide immediate protection." June 11, 2007
http://www.49abcnews.com/news/2007/jun/11/proper_sunscreen_application_must_ensure_childrens/

Best Innovation in Sunscreen and UVA Protection Coppertone Continuous Spray.

A user is most enthusiastic about a spray sunscreen. June 11, 2007
http://www.associatedcontent.com/article/270455/best_innovation_in_sunscreen_and_uva.html

Other protective products

Hats off to skin cancer.

Writer knows the power of sun from bitter experience. Swears by hats but cannot persuade his son. Suspects that school officials discourage students' wearing hats, which are most convenient "portable shades." June 11, 2007
http://blogs.orlandosentinel.com/news_education_edblog/2007/06/hats_off_to_ski.html

Today Question for GearGuy: Does anyone make a summer-weight, UV-blocking cycling jersey?

"Given current concerns over skin cancer and other sun-related problems, it makes sense that there would be long-sleeve cycling jerseys for warm weather, not just cool weather. Jersey makers, take note. Fortunately, a few have." June 10, 2007
<http://outside.away.com/outside/gear/gearguy/200706/20070611.html>

Clothing That Can Protect You From Skin Cancer.

Good Housekeeping Tests Clothing for Sun Protection Claims. Notice first appeared a while ago. June 13, 2007
<http://www.abcnews.go.com/GMA/SummerSizzle/story?id=3270373&page=1>

Girls4Sport New Summer Line of Sun-Protective Swimwear is Now Available For Girls of All Ages: Stay Sun Safe This Summer with SPF-Rated Swimwear.

June 11, 2007
<http://www.prweb.com/releases/2007/6/prweb530076.htm>

Special skin-cancer related events

Running for Cover at South Forsyth.

The First Annual Running for Cover 5 K Run/ 1 Mile Walk will take place on June 23 at South Forsyth HS. To benefit the Foundation for Melanoma Research. June 11, 2007
<http://www.cumminghome.com/news30041/running-for-cover-at-south-forsyth.shtml>

Diabetes support group meeting tomorrow.

Monroe Clinic's diabetes support group meets June 12 to hear dermatologist V. Huls on sunscreen products; people with diabetes are more prone to skin problems. June 11, 2007
<http://www.themonroetimes.com/c0607dia.htm>

Miscellaneous

[Melanoma] Vaccine for dogs in final trials.

Conditional approval from the U.S. Dept. of Agriculture . Final trials with 50 dogs. Dr. P. Bergman of Donaldson-Atwood Center Cancer Clinic and Dr. J. Wolchok of Sloan-Kettering presented results at the American College of Veterinary Internal Medicine's convention in Seattle. "Research began with mice at Sloan-Kettering and segued to dogs with 'spontaneous' cancer — not artificially manufactured — in late 2000." Article explains "xenogeneic vaccine." June 9, 2007
http://seattletimes.nwsourc.com/html/localnews/2003741114_vaccine09.html

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Ilona Melstrads](#)
To:
Bcc: [Drusilla Hufford](#)
Subject: SunWise News Roundup March 24, 2010
Date: 03/24/2010 04:19 PM



News Roundup Wednesday March 24, 2010

Skin cancer prevention / awareness: events

Regulation/taxation of indoor UV tanning – many are updates of past items

Link Between Tanning Beds and Cancer to Be Examined at Capitol Hill Briefing.

To “explore the controversies surrounding indoor tanning and its link to melanoma” on March 24 before the March 25 FDA meeting. With C. B. Maloney (D-NY), C. Dent (R-PA) and R. DeLauro (D-CT) and the Melanoma Research Foundation. March 23, 2010
<http://www.prlog.org/10590087-link-between-tanning-beds-and-cancer-to-be-examined-at-capitol-hill-briefing.html>

Tanning Beds May Need New Warning on Cancer, FDA Says (Update1)

“... Food and Drug Administration ... said it is considering stricter regulation of tanning lamps. Outside advisers to the FDA will meet March 25 ... to discuss the link between intentional exposure to ultraviolet radiation and cancer.” March 23, 2010
<http://www.businessweek.com/news/2010-03-23/tanning-beds-may-need-new-warning-on-cancer-fda-says-update1-.html>

Reform bill includes tax on tanning.

“If the Senate passes the reconciliation measure this week as expected, the tax will go into effect July 1.... Proponents of a ‘sin tax’ on indoor tanning have pointed out tanning is linked to skin cancer....” March 23, 2010
<http://www.newsherald.com/news/tanning-82463-bill-tax.html>

New Tanning Tax to Help Fund Health Care.

“The tax only affects ultraviolet tanning, so spray tans would not cost any more.” March 23, 2010
<http://www.wyvtv.com/content/news/local/story/New-Tanning-Tax-to-Help-Fund-Health-Care/NmyxQC1vpEq3A0R06A0WHQ.csp>

Reform's tanning-bed tax may save lives.

Dr. B. E. Katz of The Skin Cancer Foundation: “This tax is a master stroke, akin to the sin tax on cigarettes; both tanning and smoking are activities scientifically proven to cause harm to the human body....” March 24, 2010
http://www.upi.com/Health_News/2010/03/23/Reforms-tanning-bed-tax-may-save-lives/UPI-40121269402695/

Indoor Tanning Feels the Burn from Health Reform Bill, FDA Scrutiny.

Federal tax would be in addition to some state taxes. On FDA’s panel meeting: “Part of the concern among medical organizations is that of the 30 million Americans who frequent tanning salons, nearly 2.3 million are teenagers....” Article mentions some methodological and data shortcomings in relating tanning beds causally to melanoma. March 24, 2010
<http://www.dotmed.com/news/story/12081/>

Researchers identify strategy for passing tanning bed legislation.

Dr. M.-F. Demierre et al. of Boston Univ. “found that when attempting to pass tanning bed legislation, successful advocates collaborate with local and national organizations and lobbyists and have direct contact with the sponsoring legislator....” March 23, 2010
http://www.eurekalert.org/pub_releases/2010-03/bumc-ris032310.php

State [Maryland] Lawmakers Take Up Teens And Tanning.

“Teens in tanning beds has sparked debate in Howard and Baltimore Counties and now the debate continues in the state house.” Maryland House bill sponsor hopes to ban all teens under 18. “A similar bill has already failed in the senate.” March 23, 2010
<http://www.abc2news.com/news/local/story/State-Lawmakers-Take-Up-Teens-And-Tanning/H5X06R2xn0eUmi0ahwdmAw.csp>

Arundel Digest. 2nd item: Leopold launches sun-safety program.

“County Executive John R. Leopold ... continued his campaign against tanning salons... [C]ounty agencies must offer tanning salons signs ... warning about the risks of skin cancer. In addition, signs and posters will be put at all county parks to warn citizens that sun exposure can lead to melanoma....” March 18, 2010
<http://www.hometownannapolis.com/news/nbh/2010/03/18-57/Arundel-Digest.html>

Province [in Canada] working on new guidelines for high-risk groups.

In New Brunswick province, its new Public Health Act “replaced a whole group of earlier acts, including the Radiation Protection Act that had banned people younger than 18 from using tanning beds since 1992.” Now working on broader law. Medical officer “thinks it should include a ban on youth and that it could even be extended to other high-risk groups, such as fair-skinned people.” March 23, 2010
<http://timetranscript.canadaeast.com/news/article/993359>

N.B. [New Brunswick] tanning industry backs some regulation.

Tanning industry does not want bans for all under 18. Teens over 16 should only need parental consent. Salons claim that parents apparently are the ones to suggest a “base tan” before vacation and are disturbed if a law prevents their children from following parental advice. March 24, 2010
<http://timetranscript.canadaeast.com/newstoday/article/994801>

Educational, screening, and fund-raising programs

Gasparilla Film Fest: That's a wrap!

“The Gasparilla Film Festival ... [had] ... other highly anticipated films ... including a documentary on skin cancer. ‘More than Skin Deep: Skin Cancer in America’ takes a look at how melanoma and other types of skin cancer became such an epidemic in the country.” March 22, 2010
<http://www.myfoxtampabay.com/dpp/news/local/hillsborough/gasparilla-film-fest-thats-a-wrap-032210>

Grant to pay for playground shade.

“CANI Head Start has received an \$8,000 grant from the American Academy of Dermatology to construct four shade structures....” March 21, 2010
<http://www.journalgazette.net/article/20100321/LOCAL/303219839/1002/LOCAL>

Northwood University's marketing students join the war against melanoma.

"The university's marketing association student chapter chose melanoma awareness as a year-long project...." Works with Mollie's Fund, "named for Mollie Biggane, whose death from melanoma at age 20 spurred her family to partner with the American Cancer Society ... to educate young people about the dangers of skin cancer." March 22, 2010
http://ourmidland.com/articles/2010/03/22/local_news/2502633.txt

Kingwood Resident Takes Aim At Melanoma.

"I have committed to doing a Fund-raiser at Bill's Cafe, March 28th, to help raise money for the Aim at Melanoma Foundation," from Cheri Huber. "Huber is a survivor of Melanoma and battled the cancer in recent years." March 22, 2010
http://www.kingwoodnow.com/kingwood_news/1139.html

Health Briefs - 2nd item page 2. Run from the Sun walk set.

"The Leonard E. Warren Melanoma Foundation will conduct its seventh annual 5K run/walk ... April 10 in downtown Jackson.... A free melanoma skin cancer screening will be conducted before and after the race by area doctors...." March 23, 2010
<http://www.clarionledger.com/article/20100323/SPECIAL08/3230317/1242/health/Health-Briefs>

Mason Co. [West Va.] Health Dept. to offer free skin cancer screenings.

"On April 6, the Mason County Health Department along with area physicians will conduct a free skin cancer screening clinic..... Skin cancer information also is available on the American Cancer Society's Web site, www.cancer.org and the CDC's Web site, www.cdc.org." March 23, 2010
http://www.mydailyregister.com/view/full_story/6804056/article-Mason-Co--Health-Dept--to-offer-free-skin-cancer-screenings?instance=home_news_lead

Skin cancer awareness

A life-saving scar.

Lymph node biopsy turned out OK. "It motivated him to take part in the photographic collection, SCAR: A Mark of Hope, presented by the Melanoma Foundation." Shows "23 New Zealanders living with melanoma to help raise money and awareness...." March 18, 2010
<http://www.stuff.co.nz/auckland/local-news/eastern-courier/3471884/A-life-saving-scar>

The Most Common Nonmelanoma Skin Cancer: Basal Cell Carcinoma.

"On rare occasions, there may develop a white, waxy scar on sun exposed body parts. This may indicate morpheaform basal cell carcinoma, an invasive form of basal cell carcinoma." March 23, 2010
<http://www.empowher.com/news/herarticle/2010/03/23/most-common-nonmelanoma-skin-cancer-basal-cell-carcinoma>

Although Tempting, Sun Exposure is Dangerous.

"The suntan might look good for a few days, but the damage could change your life." March 19, 2010
<http://your4state.com/content/fulltext/?cid=104541>

Who the Heck is Fitzpatrick?

A somewhat "cutesy" discussion of the Fitzpatrick scale that aims "to classify the response of different skin types to UV light.... It is important that you know your skin type intimately...." March 23, 2010
<http://www.modernmom.com/article-4862-who-the-heck-is-fitzpatrick/>

Health Tip: Check Your Skin for Signs of Cancer. Suggestions for performing a self-exam.

From the American Academy of Dermatology. March 18, 2010
<http://www.businessweek.com/lifestyle/content/health/day/636921.html>

Here comes the sun: Skin cancer dangers are definitely real.

"Today's youth are very naive," said Tina Johnson ... of the Monica Jensen Foundation. "They think it's never going to happen to them...." Johnson said she gets frustrated with parents who allow their kids to go tanning." March 19, 2010
<http://www.newrichmond-news.com/event/article/id/28751/>

Skin cancer patients hope you're sun smart.

March 22, 2010
<http://www.waow.com/Global/story.asp?S=12182303>

Summer sun safety tips for kids.

Advice from Nivea Sun. March 21, 2010
<http://www.malaya.com.ph/03222010/liv2.html>

Workers Comp proposal for firefighters goes too far.

Says skin cancer should not be automatically defined as an occupational disease. [Most of time site does not come up – some sort of error.] March 24, 2010
http://weblogs.baltimoresun.com/news/opinion/2010/03/workers_comp_proposal_for_fire.html

Skin cancer very rarely a workplace risk.

Article states that 80 % of skin cancer risk comes from childhood exposure. (It seems to perpetuate a second-order misinterpretation of an old study; some dermatologists have tried to correct the misinterpretation but it remains popular.) March 23, 2010
<http://www.canada.com/business/Skin+cancer+very+rarely+workplace+risk/2715482/story.html>

Skin cancer data and risk

High dietary phosphate intake may promote skin cancer formation.

"Phosphate chemical bonds provide the energy currency in the cell, in the form of ATP.... [M]any oncogenes, the motors driving cancer cells to divide relentlessly, are regulatory enzymes that attach phosphate chemically to other proteins.... Public health researchers say that phosphate dietary intake has increased over the last 30 years...." Animal study. March 23, 2010
http://www.eurekalert.org/pub_releases/2010-03/eu-hdp032310.php

Phosphates in Soda, Meats May Increase Skin Cancer Risk.

Says phosphates are "found in soda, processed meats, baked goods, and many other foods...." March 23, 2010
<http://www.emaxhealth.com/1275/101/36148/phosphates-soda-meats-may-increase-skin-cancer-risk.html>

Health tip: risk factors for melanoma.

A list of several factors, from the American Academy of Dermatology. March 22, 2010

<http://www.14wfie.com/Global/story.asp?S=12122972>

Melanoma Surge in Young Women Tied to Indoor Tanning.

Article says that the issue of whether indoor UV tanning beds pose danger "was laid to rest last summer when the International Agency for Research on Cancer, an agency of the World Health Organization, found that tanning beds are 'carcinogenic to humans....'" March 20, 2010
<http://www.onlineprnews.com/news/26760-1269099712-melanoma-surge-in-young-women-tied-to-indoor-tanning.html>

UV, ozone layer

Report: Ozone depletion appears to have leveled off.

"The bad news first: NASA scientists say that the amount of ultraviolet (UV) radiation reaching the Earth's surface has increased dramatically over the past 30 years." Due to decrease in stratospheric ozone layer. "The good news: The amount of the UV increase seems to have stabilized since the mid-1990s.... [M]ost of the UV increase has occurred in the mid-and-high latitudes, with little or no increase observed in tropical regions." March 19, 2010
<http://content.usatoday.com/communities/sciencefair/post/2010/03/report-ozone-depletion-appears-to-have-leveled-off/1>

Afghanistan Signs Understanding With UN to Fight Illegal Chemical Trade.

"The UNEP estimates that local and international crime syndicates earn up to \$30 billion annually from the illegal trade in environmentally sensitive commodities such as ozone-depleting substances...." March 23, 2010
<http://www1.voanews.com/english/news/asia/Afghanistan-Signs-Understanding-with-UN-to-Fight-Illegal-Chemical-Trade---88902502.html>

HFCs the coolest ones? Not quite.

"The use of hydrofluorocarbons in cooling systems may save the ozone layer – but it will harm the climate." On substitutes for HFCs and how they are faring. March 22, 2010
<http://www.deccanherald.com/content/59417/hfcs-coolest-ones-not-quite.html>

International Product Support Company Convicted and Sentenced for the Illegal Purchase and Sale of Smuggled Ozone-Depleting Refrigerant Gas.

Company pled guilty of "knowingly receiving, buying, selling and facilitating the transportation, concealment, and sale of approximately 100,898 kilograms of the ozone-depleting substance hydrochlorofluorocarbon - 22 ("HCFC-22")...." March 19, 2010
<http://www.justice.gov/usao/fls/PressReleases/100319-01.html>

Coatings - A World Market Review - New Market Report Published.

Some coatings are Volatile Organic Compounds, which, "after reacting with nitrogen oxides present in the atmosphere, cause depletion of the ozone layer...." March 22, 2010
http://www.officialwire.com/main.php?action=posted_news&rid=116724

Replacing an old home appliance? You may qualify for rebate.

The Ohio Energy Efficient Appliance Rebate Program associated with new Energy Star models. "Energy Star is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy, to help ... protect the environment...." March 21, 2010
<http://www.cantonrep.com/news/business/x645473009/Replacing-an-old-home-appliance-You-may-qualify-for-rebate>

UV index

Ayrshire Cancer Support Launch New Wristband.

UV Guardian wristbands for sale by cancer charity. "It would also be a fun way of teaching children about the dangers of UV rays and would teach them when they needed to cover up or move into the shade." March 22, 2010
<http://www.aboutmyarea.co.uk/Ayrshire/Ayr/KA7/News/Local-News/158497-Ayrshire-Cancer-Support-Launch-New-Wristband>

UV and eyes

Prevent Blindness America Teams Up With Real Kids Shades to Promote Children's Eye Protection.

"Star Pupils" is a "national program of Prevent Blindness America designed to arm parents with the information they need to help their children achieve a lifetime of healthy vision." Real Kids Shades "designed a Star Pupils-branded pair of 100 percent ultraviolet (UV-A and UV-B) protective sunglasses with a percentage of proceeds from sales donated directly to the children's vision education initiative." March 22, 2010
http://pr-usa.net/index.php?option=com_content&task=view&id=357712&Itemid=34

Keeping an eye on children's vision in Bromsgrove [UK].

An optometrist is to visit a school, with information from "the educational iSpy packs - developed by Specsavers and The Eyecare Trust.... The nursery children will also take part in games and activities designed to explore how eyes work, how they are affected by light...." March 21, 2010
http://www.bromsgrovedvertiser.co.uk/news/local/5072087.Keeping_an_eye_on_children_s_vision_in_Bromsgrove/

A Glance at Eye Health.

March 23, 2010
<http://www.gather.com/viewArticle.action?articleId=281474978124910>

General biomedical and cancer research

Systemically Administered siRNA via Targeted Nanoparticles: Initial Phase I Clinical Trial Results.

Dr. M. Davis et al. of Caltech "have developed a targeted nanoparticle delivery system to shlep siRNA to melanoma patients.... The authors show dose dependent accumulation of the particles in the tumor and reduction of the mRNA targeted by the siRNA sequence." March 22, 2010
http://www.medgadget.com/archives/2010/03/systemically_administered_siRNA_via_targeted_nanoparticles_initial_phase_i_clinical_trial_results.html

Nanobots robots used to deliver gene therapy through blood.

"The nanobots actually attack the cancer by performing gene therapy and turning off the cancer growing gene in the tumor. This type of therapy, called RNA interference, has been a major research point for many scientists and pharmaceutical companies alike...." March 22, 2010
<http://www.efitnessnow.com/news/2010/03/22/nanobots-robots-used-to-deliver-gene-therapy-through-blood/>

More support for RNAi in clinic.

"This is a breakthrough for the field...." It's the first clinical proof that 'RNA is entering the tumor cells and delivering the goods' needed to reduce the expression of target cancer genes...." Another researcher remarks that the study, although pioneering, did not show that the therapy controls cancer. March 22, 2010
<http://www.the-scientist.com/blog/display/57226/>

Early Termination of Clinical Trials May Overestimate Treatment Effects.

In a meta-study, researchers compared truncated and non-truncated trials. "On average, treatments with no effect would show a reduction in relative risk of almost 30 percent in stopped early trials...." March 23, 2010
<http://www.medscape.com/viewarticle/719011>

On new skin cancer research

Microna profiling analysis of differences between the melanoma of young adults and older adults.

"... miR expression differences create unique patterns of frequently affected biological processes that clearly distinguish old age from young age melanomas." March 19, 2010
http://7thspace.com/headlines/338804/microna_profiling_analysis_of_differences_between_the_melanoma_of_young_adults_and_older_adults.html

Additional recent articles on skin cancer items listed in earlier roundups

Patterns: Nonmelanoma Skin Cancer Cases Soar.

"... [A] new study reports that Americans are developing those cancers at record numbers, with 3.5 million cases a year in 2 million people, as of 2006. (Patients with a skin cancer often develop another one within the year.)" March 19, 2010
<http://www.nytimes.com/2010/03/23/health/research/23patt.html>

High Incidence of Non-melanoma Skin Cancer in the U.S.

"Two studies published in the March 2010 issue of Archives of Dermatology suggest that there has been a marked recent increase in the incidence of non-melanoma skin cancers in the United States. Non-melanoma skin cancers now affect 13 million persons." March 23, 2010
http://professional.cancerconsultants.com/oncology_main_news.aspx?id=44777

Gold Nanobeacons Detect Sentinel Lymph Nodes.

Dr. G. Lanza's study using gold nanopar icles in photoacoustic imaging. March 22, 2010
http://www.nanotech-now.com/news.cgi?story_id=37348

Anthrax might be used to treat cancer.

"A [mutated] anthrax toxin that could kill tumor cells in mice has been developed by researchers at the American Society for Biochemistry and Molecular Biology." Effects seen in melanoma, and in colon and lung tumors. March 18, 2010
<http://www.bioprepwatch.com/news/212510-anthrax-might-be-used-to-treat-cancer>

Skin cancer detection and treatment

Study Identifies Factors Associated With Early Detection of Melanoma.

French study. "Early detec ion of melanoma appears more common among younger patients, those living in areas with high concentrations of dermatologists and those whose cancer is detected by dermatologists.... 'Easy access of patients to dermatologists, information campaigns targeting elderly people and education of general practitioners are complementary approaches to improving early detection,' the authors write." March 17, 2010
<http://www.medicalnewstoday.com/articles/182622.php>

Medical tourism offers Skin Cancer Surgery in India under expert oncologists

March 23, 2010
<http://www.pr-inside.com/medical-tourism-offers-skin-cancer-surgery-r1791206.htm>

Industry, economics

Molecular Insight Pharmaceuticals Advances Solazed(TM) for Malignant Melanoma Into Phase 1 Clinical Trial.

"The Phase 1 proof-of-concept study is being conducted with the University of Pennsylvania and is funded by a two-year grant from the National Cancer Institute.... Solazed, a proprietary radiolabeled small molecule, was designed to bind to melanin found in melanomas and deliver a targeted and lethal dose of radiation to cancer cells...." March 22, 2010
<http://money.cnn.com/news/newsfeeds/articles/marketwire/0598588.htm>

Pain Therapeutics Announces Encouraging Clinical Data With a New Drug for Skin Cancer.

"Pain Therapeutics' PTI-188 is a proprietary, radio-labeled monoclonal antibody. It is designed to locate and bind to melanoma tumors inside the body, and to deliver a powerful dose of radiation to tumor sites." March 23, 2010
http://www.marketwatch.com/story/pain-therapeutics-announces-encouraging-clinical-data-with-a-new-drug-for-skin-cancer-2010-03-23?reflink=MW_news_stmp

Salem is the only site in Virginia for a clinical trial that uses the herpes virus to fight melanoma.

"Blue Ridge Cancer Care is the only test site in Virginia for a clinical trial that uses a form of the herpes virus to fight a deadly form of skin cancer." About Oncovex. March 10, 2010
http://www2.wsls.com/sls/lifestyles/health_med_fit/article/salem_is_he_only_site_in_virginia_for_a_clinical_trial_that_uses_the_herpe/87814/

Roche bullish on cholesterol, melanoma drugs.

First version was known as PLX4032. March 18, 2010
<http://in.reuters.com/article/businessNews/idINIndia-47004320100317>

Phase 2 Data on Provectus's PV-10 To Be Presented at the 2010 ASCO Scientific Program on June 4 - 8 in Chicago.

March 18, 2010
http://www.marketwatch.com/story/phase-2-data-on-provectuss-pv-10-to-be-presented-at-the-2010-asco-scientific-program-on-june-4-8-in-chicago-2010-03-18?reflink=MW_news_stmp

Frost & Sullivan Recognizes MannKind With 2010 North America Entrepreneurial Company of the Year Award.

Its R&D includes melanoma therapy. March 24, 2010
<http://www.prnewswire.com/news-releases/frost--sullivan-recognizes-mannkind-with-2010-north-america-entrepreneurial-company-of-the-year-award-88999122.html>

10 to watch: Under 30, changing Baltimore. Eighth person on list.

A doctoral student at Johns Hopkins' department of medical engineering "is one of hree co-inventors of a screening process involving a scanning system to detect melanoma, now in the beginning stages of clinical trials." March 24, 2010
<http://www.baltimoresun.com/entertainment/bthesite/bs-bthesite-buzz-10towatch0324,0,2936810.story>

Articles focused on individuals

Love and music fill couple's home.

A young man diagnosed with melanoma seven years ago continues his musical career. March 23, 2010
<http://www.news-leader.com/article/20100323/LIFE0501/3230369/Love+and+music+fill+couple+s+home>

Dying woman's cancer warning.

"Dallimore calmly admits she has just months to live.... A malignant melanoma is killing the vibrant 54-year-old, but she says her situation could have been different had she been diagnosed earlier." In 2008 a doctor said growth was only a sebaceous cyst; biopsy ordered too late. March 22, 2010
<http://www.thechronicle.com.au/story/2010/03/23/dying-womans-cancer-warning/>

Sullivan opts out of selectmen race in Yarmouth.

"I don't know if I could sit and honestly say I'd stay for three more years," said Sullivan...." Stage 4 melanoma found in January 2009. March 19, 2010
<http://www.wickedlocal.com/yarmouth/news/x1336916786/Sullivan-opts-out-of-selectmen-race-in-Yarmouth>

Newsman Sam Donaldson to speak at Neb cancer event.

"Retired ABC newsman Sam Donaldson will be the featured speaker at the American Cancer Society's Star of Hope Breakfast in Nebraska.... Donaldson is also a 14-year survivor of melanoma skin cancer." March 20, 2010
<http://www.ktiv.com/Global/story.asp?S=12175377>

Legislators Battle Cancer in 'Hoops 4 Hope.'

Mentions a melanoma survivor. March 24, 2010
<http://www.unm.edu/~market/cgi-bin/archives/004938.html>

Lady Sonia upbeat, but back in hospital.

"... [T]he 77-year-old widow of the former prime minister Sir William McMahon has battled ill health." Melanoma identified last year. March 23, 2010
<http://www.smh.com.au/lifestyle/people/lady-sonia-upbeat-but-back-in-hospital-20100322-qraf.html>

Oxford FD reminded of service brotherhood in a time of personal loss.

Remembering a 24-year old who died of melanoma. March 23, 2010
<http://www.evesun.com/news/stories/2010-03-23/9230/Oxford-FD-reminded-of-service-brotherhood-in-a-time-of-personal-loss/>

Newlywed cancer patient dies at 29

"Doctors diagnosed Hulett with cancer in October and began treating him for an advanced case of melanoma that had spread rapidly through his body and caused his liver to shut down." March 24, 2010
http://www.onlineathens.com/stories/032410/new_595401483.shtml

Farewell to charity champion Kevin.

Raised money for Sir Bobby Robson's Cancer Foundation – died of melanoma days before turning 37. March 23, 2010
<http://www.sunderlandecho.com/news/Farewell-to-charity-champion-Kevin.6172988.jp>

Extra Effort: Bangor teen has seen both parents battle cancer.

When she was only a sophomore, a young lady learned that her dad and mom had melanoma. Teen is president of school's future Farmers of America and "involved in cancer support groups." March 20, 2010
http://www.lacrossetribune.com/news/local/education/article_87ec5fda-3117-11df-bc88-001cc4c002e0.html

Robert K. Inglis

Oregonian dies at 64 of melanoma. March 20, 2010
<http://www.greatfalltribune.com/article/20100320/OBITUARIES/3200327>

John L. Winans Jr. July 12, 1937 - February 25, 2010

Outdoorsman. "John fought a brave three year battle with melanoma." March 24, 2010
http://www.recordnet.com/apps/pbcs.dll/article?AID=/20100324/A_NEWS21/303249998/-1/NEWSMAP

Elizabeth Boxrud.

Died at 80 "after a four-year struggle with melanoma." March 19, 2010
<http://www.marshallindependent.com/page/content.detail/id/515704.html?nav=5016>

Quad Cities Gives Royal Welcome.

"The Duchess of York's visit to the Quad Cities drew a lot of attention.... But Sarah Ferguson says she is the one who is impressed." She helps Gilda's Club; article mentions that she "lost a good friend to melanoma...." March 19, 2010
<http://www.kwqc.com/Global/story.asp?S=12171923>

Saving Face: Skin Cancer.

"My pre-occupation with my appearance was part of what propelled me to the beaches of Long Island half a life ago.... Saving face could mean saving your life." March 20, 2010
http://www.huffingtonpost.com/sally-thorner/saving-face-skin-cancer_b_507022.html

Castronovo: In Memoriam.

Why cancer survivors read obituaries. "In just a few words, the memories of someone can come to life again." March 23, 2010
<http://www.sdn.com/sandiego/2010-03-23/lifestyle/maryann-castronovo-lifestyle/castronovo-in-memoriam#ixzz0j3XLEVeJ>

Vitamin D – benefits and sources

Vitamin D, Deciphered, Declassified, and Defined for Your Patients.

A physician reviews the numerous beneficial effects ascribed to what is both a vitamin and a hormone; mentions recent cautionary analyses of purported benefits for heart disease and diabetes; warns against relying on sun exposure for adequate vitamin levels. Notes recent actions of the AMA Council on Science and Public Health and the American Academy of Pediatrics, and that the Institute of Medicine is updating its 1997 recommendations." March 22, 2010
<http://www.medscape.com/viewarticle/718671>

Pediatrics: Most Babies and New Moms Need More Vitamin D.

In *Pediatrics*, 2 studies. (1) "According to research by the Centers of Disease Control and Prevention (CDC), only 5 to 37% of American infants met

the RDA for vitamin D. Those who are breastfed were often more deficient, obtaining only about 5 to 13%." (2) "... [N]ew moms were also deficient in vitamin D. Blood tests taken of newborns and mothers revealed that 58% of the infants and 36% of the mothers were deficient in vitamin D." March 23, 2010
<http://www.emaxhealth.com/1506/50/36141/pediatrics-most-babies-and-new-moms-need-more-vitamin-d.html>

New study suggests that all babies may need Vitamin D supplementation to avoid deficiency.

March 23, 2010

<http://www.examiner.com/x-27246-Fresno-Breastfeeding--Examiner~y2010m3d23-New-study-suggests-that-all-babies-may-need-Vitamin-D-supplementation-to-avoid-deficiency>

Ten per cent of Canadians have low vitamin D levels.

From Canadian Health Measures Survey: "The new data ... finds that that 10 per cent of Canadians, or roughly 3 million people, have 'inadequate' concentrations of the nutrient.... The report found that the highest rates of vitamin D deficiency are found among men aged 20 to 39, with about 7 per cent of them considered fully deficient in the vitamin." March 23, 2010

http://www.ctv.ca/servlet/ArticleNews/story/CTVNews/20100323/vitaminD_100323/20100323?hub=Health

Vitamin D Supplementation—Andrew Grey, MD; Mark J. Bolland, PhD; Ian R. Reid, MD.

Review of a 2009 article by Drs. Pietras and Holick in which they described the effectiveness of a vitamin D version, D2, usually regarded as inferior to D3. The review questions using it to treat various diseases, since clinical trials are lacking for supplement effectiveness. [Subscription required.] March 22, 2010

<http://archinte.ama-assn.org/cgi/content/extract/170/6/572>

Vitamin D Supplementation—Reply by Sara M. Pietras, MD; Michael F. Holick, MD.

"Their [Grey et al.] first concern is a lack of randomized trial data reporting beneficial extraskeletal effects of vitamin D supplementation for an array of chronic diseases. We agree and do not recommend vitamin D supplementation to treat any of the diseases that they mention." Drs. Pietras and Holick then cite recent randomized studies that do show benefits of supplementation for some conditions. [Subscription.] March 22, 2010

<http://archinte.ama-assn.org/cgi/content/extract/170/6/573>

Sunlight may play a big role in controlling MS.

"Ultraviolet portion of sunlight plays a bigger role than vitamin D in controlling multiple sclerosis...." Article tries to deal with research that aims to determine if UV exerts an effect on the immune system independently of its production of vitamin D. March 23, 2010

<http://timesofindia.indiatimes.com/life/health-fitness/health/Sunlight-may-play-a-big-role-in-controlling-MS/articleshow/5715579.cms>

Insufficient Vitamin D Levels Linked To Increased Risk Of Asthma In Black Children.

"We were shocked to see that almost all of the African-American children with asthma that we tested had low vitamin D levels...." March 21, 2010

<http://www.personalliberty.com/news/insufficient-vitamin-d-levels-linked-to-increased-risk-of-asthma-in-african-american-children-19675275/>

Not enough evidence on sun exposure claim.

"Based on the current evidence, it is premature to make any definitive claims for or against the role of vitamin D in ovarian cancer," from Dr. L. S. Cook of the Univ. of New Mexico. March 23, 2010

<http://www.arabtimesonline.com/NewsDetails/tabid/96/smId/414/ArticleID/151345/t/Not-enough-evidence-on-sun-exposure-claim/Default.aspx>

ACC [Amer. College of Cardiology]: Vitamin D Not Linked to Myalgia in TNT Study.

"Explain to interested patients that his study found no link between vitamin D levels and myalgia among patients taking statins.... 12.2% of the 776 patients with normal vitamin D levels at baseline complained of myalgia, compared with 8.3% of the 733 patients with vitamin D deficiencies. After one year 9.7% of the patients with normal vitamin D said they had myalgias compared with 10.9% of those patients who were deficient in vitamin D."

March 17, 2010

<http://www.medpagetoday.com/MeetingCoverage/ACC/19070>

Vitamin D Boosts Immunity against Tuberculosis.

"Tuberculosis is a type of infection. Like many other infectious diseases, TB can infect individuals with compromised immunity more easily.... No trial seems to have been carried out to demonstrate the efficacy of vitamin D in preventing TB; however, evidence has emerged that suggests that possibility." March 22, 2010

http://www.foodconsumer.org/newsite/Nutrition/Vitamins/vitamin_d_boosts_immunity_against_tuberculosis_2203100609.html

Low Vitamin D Levels Tied to Incontinence.

"Vitamin D Deficiency May Contribute to Pelvic Floor Disorders in Women." March 22, 2010

<http://www.webmd.com/urinary-incontinence-oab/news/20100322/low-vitamin-d-linked-incontinence>

Tanning – mostly UV

Despite trepidation, men move into the female realm of tanning.

"Even though UV rays play a key part in the development of skin cancer and cataracts ... warnings against health risks have failed to curtail the climbing numbers." Some attribute the effect to the "media." March 23, 2010

<http://www.idsnews.com/news/story.aspx?id=74532>

Harmful Effects of Pre-Spring Break Tanning.

"People usually tend to think that indoor tanning is healthier but this is not the case." March 23, 2010

http://my.hsj.org/Schools/Newspaper/tabid/100/view/frontpage/articleid/347185/newspaperid/3690/Harmful_Effects_of_PreSpring_Break_Tanning.aspx

Indoor tanning industry: Don't forget your Vitamin D.

Message of an article not too easy to understand – it seems to suggest that tanning beds are good sources of vitamin D, but also tries to adhere to the recent FTC injunction against tanning salons claiming that a tan is needed for obtaining vitamin D. March 22, 2010

http://ourmidland.com/articles/2010/03/22/local_news/2503161.txt

Tanning – mostly non-UV

Sun Tan City opens 'sunless' salon.

Its first non-UV salon. March 22, 2010

<http://louisville.bizjournals.com/louisville/stories/2010/03/22/daily6.html>

Global Sunless Tanners Market to Reach \$758 Million by 2015, According to New Report by Global Industry Analysts, Inc.

"Increasing awareness among the consumers about the damage and health risks caused by ultraviolet radiation sun exposure, and product

innovations are driving the market growth, globally." March 24, 2010
http://www.prweb.com/releases/sunless_tanners/sunless_tanning/prweb3752664.htm

Sunscreen

Five lifesaving things you can do for you and your family

"Run from the sun." Use sunscreen and other forms of protection. March 22, 2010
<http://www.indiancountrytoday.com/living/88841432.html>

Soybeans can provide safer sunscreens.

"The researchers have developed technology for converting soybean oil into a biobased active ingredient for sunscreen products. It involves incorporating ferulic acid, found naturally in hundreds of plants, into soybean oil." Article says it produces a "material capable of absorbing both UVA and UVB light." March 24, 2010
<http://timesofindia.indiatimes.com/life/health-fitness/health/Soybeans-can-provide-safer-sunscreens/articleshow/5718864.cms>

Tampa Dermatologist Talks Sun Safety for Skin on Local CBS Affiliate.

"Sunscreen is essential, but sun avoidance with large hats and long sleeve t-shirts are also important..." from Dr. Forman. March 23, 2010
<http://www.prnewschannel.com/absolutenm/templates/?z=0&a=2386>

Neutrogena Encourages Americans to Re-evaluate Sun Protection Habits.

"Now that skin cancer has been identified as a national epidemic, we urge consumers to receive an annual skin exam, regularly perform skin self exams and protect their skin from the sun everyday to ensure a lifetime of skin health," from Neutrogena official. March 24, 2010
<http://www.prnewswire.com/news-releases/neutrogena-encourages-americans-to-re-evaluate-sun-protection-habits-89003387.html>

World's Best Job: Beach Tanning Butler.

"Sole responsibility" to help hotel guests "get lathered up in sunscreen." March 23, 2010
<http://abcnews.go.com/Travel/worlds-best-job-beach-tanning-butler/story?id=10173102>

Other protective products

Brouhaha over Brolly.

"A Hamilton woman with a history of melanoma is angry she could not use an umbrella to shade herself at Tuesday's one-day international cricket match at Seddon Park.... [She] said she intentionally sat at the top of the bank so as not to block anyone else's eyeline." March 13, 2010
<http://www.stuff.co.nz/national/3443541/Brouhaha-over-brolly>

Special skin-cancer related events

Free Skin Cancer Screenings.

March 26, 2010. "The Mount Nittany [in Pennsylvania] Cancer Program has partnered with local dermatologists to host a free skin cancer screening." March 18, 2010
http://wearecentralpa.com/index.php?option=com_jevents&task=icalrepeat.detail&evid=27024&Itemid=32012

Jamestown Loop.

"Relay for Life is April 23-24 at Berkeley High School... The cancer that we have chosen to investigate and educate people about is melanoma." March 23, 2010
<http://www.berkeleyind.com/culture/Jamestown-Loop2010-03-23T07-38-50>

Community Raises Money for Melanoma Cancer Research.

"An estimated one thousand people turned out for the first ever Melanoma Cancer Research Fundraiser. It was held at the John A Patton Rec Center Saturday. Organizer Everett Smith lost his wife on mother's day to the disease." March 21, 2010
http://www.wdef.com/news/community_raises_money_for_melanoma_cancer_research/03/2010

The Pointer on the Hub: UWSP set to give back during St. Baldrick's Day.

On "world's largest volunteer-driven fundraising program for childhood cancer research." March 19, 2010
<http://centralwisconsinhub.wausaudailyherald.com/article/20100323/WDH0501/303230005>

Miscellaneous

Of Death and Taxes.

Writer seems to struggle with conflicting evaluations about the growth of demand for medical innovations (that helped save his life), while realizing that increasing demand for always more expensive therapies may not be sustainable. Mentions PLX-4032. March 18, 2010
http://www.huffingtonpost.com/reese-schonfeld/of-death-and-taxes_b_504782.html

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Ilona Melstrads](#)
To:
Bcc: [Drusilla Hufford](#)
Subject: SunWise News Roundup March 25, 2009
Date: 03/25/2009 03:19 PM



News Roundup Wednesday March 25, 2009

Skin cancer prevention / awareness: events

U.S. E. P. A. in schools; other school events; pledges

Sun protection steps for San Jose kids during spring break.

"To educate kids about sun protection, the Environmental Protection Agency (EPA) Sunwise Kids site provides games and information on sun protection. The main feature is an interactive UV index scale for kids to learn about the levels of solar radiation and to learn how to protect themselves from harmful sun exposure." March 23, 2009

<http://www.examiner.com/x-5138-San-Jose-Family-Health-Examiner~y2009m3d23-Sun-protection-measures-for-San-Jose-Kids-during-spring-break>

Sunwise Kids.

Kids at Little Flower Elementary school talk about the "SunWise with Shade" Poster Contest and what they have learned from Ms. Robinson of the Nevada Cancer Institute. Contest judges talk of their experience with skin cancer. "For Senator Raggio this judging is perhaps like no other. He was diagnosed with malignant melanoma back in 1999..." Too much sun. "D can soon become a Big C....." March 20, 2009

<http://www.kolotv.com/news/headlines/41601072.html>

SLU [Saint Louis Univ.] Nursing Student Honored by American Academy of Dermatology.

Ms. S. Lickerman was honored by the Amer. Academy of Dermatology for work in creating "SPOTS (Sun Protection Outreach Teaching by Students), an educational outreach program that teaches middle and high school students about the dangers of tanning and skin cancer." March 20, 2009

<http://www.slu.edu/x29584.xml>

Skin Cancer Experts Share Preventative Tips at Recent Dermatology Nurses Association Conference.

Dr. R. Eisen of South Shore Skin Center and M. Maguire-Eisen of the Children's Melanoma Prevention Foundation recommended people follow SunAWARE. Acronym stands for "avoid unprotected UV exposure, wear protective clothing," etc. "The Children's Melanoma Prevention Foundation ... delivers a comprehensive sun safety and melanoma awareness program, free of charge, to school children in Massachusetts." March 19, 2009

<http://www.pr-inside.com/dermatology-nurses-association-conference-r1127886.htm>

Schools aim for sun safety. Grant available to create shade on grounds.

"The Brant County Health Unit wants to promote sun-safe school grounds and is hosting a Made in the Shade, School Ground Greening presentation next month for teachers, principals.... Schools ... will have an opportunity to apply for a \$1,500 grant from the health unit." March 20, 2009

<http://www.brantfordexpositor.ca/ArticleDisplay.aspx?e=1486666>

York High students win grant in pledging not to frequent tanning booths before prom.

Melanoma Foundation of New England told students they won a \$1,000 grant from the "Your Skin Is In" contest. March 25, 2009

<http://www.seacoastonline.com/articles/20090325-NEWS-903250338>

Your health.

"Say no to tanning.... And if you pledge to get your glow from a bottle this year - sign up at jergens.com - Jergens will donate \$1 to the Skin Cancer Foundation (up to \$20,000). Actress Rachel Bilson kicked off the campaign...." March 23, 2009

<http://www.dailyherald.com/story/?id=280555&src=120>

Rachel Bilson Versus Skin Cancer.

If you go online and promise "to practice sun safety, the company will donate \$1 to the Skin Cancer Foundation for every pledge...." March 19, 2009

<http://www.allure.com/beauty/blogs/reporter/2009/03/rachel-bilson-versus-skin-canc.html>

Indoor UV-tanning legislation

Proposed Tanning Bed Bill [FL] Could Ban Teens.

"Under the new proposed legislation, parents of children ages of 16 to 18 would have to come into the salon and give their consent.... Anyone younger than 16 years old would not be allowed.... The bill is being sponsored by Rep. Yolly Roberson, who said melanoma in young adults is on the rise and something needs to be done." March 23, 2009

<http://www.news4jax.com/news/18997918/detail.html>

Florida proposes ban on under age tanning.

"But shop owners believe it will just hurt business." March 20, 2009

http://www.counton2.com/cbd/news/national/article/fl_wants_to_ban_under_age_tanning/22458/

Legislature [TX] tries to draw tan line for teenagers.

Dr. S. Raimer of the Texas Dermatol. Society "said even one exposure on a tanning bed before age 35 can increase the risk of

melanoma." Editorial also agrees with Rep. L. Kolkhorst, "Sometimes I have a hard time telling businesses what they can and can't do, but this is a public health issue." March 22, 2009
http://www.statesman.com/opinion/content/editorial/stories/03/23/0323tanning_edit.html

Tanning hides in West Virginia.

"In West Virginia, tanning salons have become the video rental stores of the new millennium.... While tanning salons allow customers to control their exposure to lamp-produced radiation, there is still an element of skin cancer risk. That's why the Legislature is considering a parental permission requirement...." March 21, 2009
<http://wvgazette.com/News/RickSteelhammer/200903210423>

Skin cancer screenings

How to save on your health in ailing economy.

Mentions that the Amer. Academy of Dermatology has a "database of free skin cancer screenings around the country on its Web site. Many of the screenings are held in May, which is Skin Cancer Detection and Prevention month." March 24, 2009
<http://www.msnbc.msn.com/id/29865282/>

Lee Wedekind: "Run for Cover!"

The Young Lawyers Section's annual "Run for Cover!" 5K road race is on May 2. "All proceeds from the race support the Florida Skin Cancer Foundation." One of many races in Florida in memory of Alan C. Sundberg, Jr., who died at 33. Free skin cancer screenings. March 23, 2009
http://www.jaxdailyrecord.com/showstory.php?Story_id=52039

Skin cancer check for county cricketers.

"Worcestershire County cricketers were screened for skin cancer as part of a health drive ahead of the new season." March 20, 2009
http://www.berrowsjournal.co.uk/news/4217961.Skin_cancer_check_for_county_cricketers/

Government to continue free health screenings.

In Hungary, since 2007 the program for the poorest parts of the country has conducted 250,000 screenings, including melanoma. March 25, 2009
http://www.caboodle.hu/nc/news/news_archive/single_page/article/11/government_t-1/?cHash=b6f484e33b

Skin cancer awareness

Tanning and its legacy.

"The effects of the sun's rays from our childhood and teenaged years can creep up when we least expect it – take it from someone who thought that her Mediterranean heritage would protect her from it." March 21, 2009
<http://www.examiner.com/x-2563-Lady-Boomer-Examiner-y2009m3d21-Tanning-and-its-legacy>

Experts offer advice on keeping skin safe from harmful rays.

Sun protection advice from the Amer. Society for Derm. Surgery: "Everyone can burn, regardless of skin pigmentation and even if already tanned. Sunscreen and clothing, not skin color, offer the best protection." March 21, 2009
<http://health.usnews.com/articles/health/healthday/2009/03/21/with-spring-here-use-sun-sense-to-enjoy-it.html>

Sun protection is a family priority.

March 24, 2009
<http://www.hattiesburgamerican.com/article/20090324/LIFESTYLE/903240308>

Entertainment Industry Organizations Rally Support for PRISM Awards and First Draft.

To offer "technical assistance on all health and social issues to writers, producers, directors, actors ... in the entertainment industry when portraying them on-screen." Mentions EIC is concerned with sun safety and skin cancer prevention," among other issues. March 24, 2009
<http://newswire.ascribe.org/cgi-bin/ behold.pl?ascribeid=20090324.091510&time=09%2034%20PDT&year=2009&public=0>

Skin cancer data and risk

NYU study finds new risk factor for melanoma in younger women.

Dr. D. Polsky et al. of NYU hypothesize that the reason melanoma is more common among women than men under 40, but after 50 among men, is the activity of estrogen on a mutated gene MDM2. March 24, 2009
http://www.eurekalert.org/pub_releases/2009-03/nlmc-nsf032009.php

New Risk Factor for Melanoma in Younger Women.

Dr. Polsky's study. Genetic variant "leads to a nearly four-fold increase of melanoma in women under the age of 50." "If this number turns out to be reproducible, it is higher than a lot of the other clinical risk factors that we know, such as blistering sunburns, freckling, and family history..." (But Dr. Rigel's recent analysis of risk would suggest that history of environmental UV effects has a higher impact on average risk.) March 24, 2009
<http://www.sciencedaily.com/releases/2009/03/090324131448.htm>

HealthWatch: Melanoma.

A lady who has had experience with melanoma in her family is interested in the notion of being tested for a higher than average melanoma risk. Article mentions that estrogen activity may explain higher risk for younger women as opposed to men, but does not seem to address the issue of why the incidence rate is increasing so rapidly. March 24, 2009
<http://wcbstv.com/topstories/healthwatch.melanoma.genetic.2.966760.html>

UV, ozone layer

The basics

New simulation shows consequences of a world without Earth's natural sunscreen.

NASA's Dr. P. Newman et al. and the Netherlands Env. Assessment Agency simulated through 2065 what the world would be like if CFCs and similar chemicals had not been banned or their use cut by the Montreal Protocol. "The year is 2065. Nearly two-thirds of Earth's ozone [layer in stratosphere] is gone...." March 23, 2009

http://www.innovations-report.de/html/berichte/geowissenschaften/simulation_shows_consequences_a_world_earth_039_s_129719.html

Study: Montreal Protocol avoided disaster.

Without treaty, UV radiation would have been "strong enough in mid-latitude cities such as Washington to produce sunburn in just 5 minutes...." With a 650 % increase in UV that causes DNA mutations, large effects on "plants, animals and human cancer rates."

March 19, 2009

http://www.upi.com/Science_News/2009/03/19/Study_Montreal_Protocol_avoided_disaster/UPI-25111237487507/

What The Ozone Scare Can--And Can't--Teach Us.

Close call. "If, instead of CFCs, companies had been using bromine-based fluorocarbons since the 1920s—a comparable substance that would've just chewed through ozone molecules much faster than chlorine-based fluorocarbons did—then much of the ozone layer would've been depleted by the time Crutzen and his colleagues made their discovery." March 20, 2009

<http://blogs.tnr.com/tnr/blogs/environmentandenergy/archive/2009/03/20/we-dodged-one-bullet-why-not-another.aspx>

NASA: Environmental disaster avoided on ozone loss.

NASA's ozone study is at http://www.nasa.gov/topics/earth/features/world_avoided.html

March 19, 2009

<http://www.google.com/hostednews/ap/article/ALeqM5gd0Rbh9TB0qV69YNVYLTP-TuUxQD971B8U02>

Good environmental news: World dodged ozone disaster.

Ozone is indeed a big deal. "NASA published a paper earlier this week about ozone stating that our reduction of CFCs 22 years ago was necessary." March 22, 2009

<http://www.examiner.com/x-3955-College-Station-Weather-Examiner~y2009m3d21-Good-environmental-news-World-dodged-ozone-disaster>

Substances that deplete the ozone layer.

Says that members of the European Parliament and Council updated the EU law on ODSs, harmonizing it with international provisions, including phasing out of HCFCs and methyl bromide. March 25, 2009

http://www.europarl.europa.eu/news/expert/infopress_page/064-52500-082-03-13-911-20090324IPR52499-23-03-2009-2009-false/default_es.htm

Czech Presidency leads EU to ozone protection deal.

"The European Union will take another step contributing to the global effort to stop the depletion of the ozone layer." March 24, 2009

<http://www.eu2009.cz/en/news-and-documents/press-releases/czech-presidency-leads-eu-to-ozone-protection-deal-13298/>

UW [Univ. of Waterloo, Ontario] prof says cyclic ozone hole proves cosmic ray theory.

Maverick continues to claim that "cosmic rays, rather than the sun's UV light, play the dominant role in breaking down ozone-depleting molecules and then ozone." March 23, 2009

http://insciences.org/article.php?article_id=3569

Specific chemicals

Ozone Protection Meeting for Grenada.

A regional network meeting for ozone officers of English speaking Caribbean countries on March 24-27. Will take "on the compliance challenge of the member states for meeting 100% phase-out of CFC by December 31st 2009...." March 18, 2009

<http://www.klassicgrenada.com/index.pl/article?id=11548355>

Time to Play It Cool.

Similar to last week's article on Montreal Protocol phase-out of coolant "R-22, which emits plenty of chlorine gas." March 22, 2009

<http://www.courant.com/business/realestate/hc-hreairconditioning.artmar22,0,2102283.story>

Organic Valley Joins the EPA's GreenChill Partnership.

"Launched in 2007, GreenChill is an EPA cooperative alliance with the supermarket industry to promote advanced technologies, strategies, and practices that reduce emissions of stratospheric ozone-depleting substances and greenhouse gases." March 25, 2009

<http://www.csrwire.com/News/14869.html>

Ricoh, Taisei Pledging Environmentally Beneficial Patents to Public Domain.

Also from DuPont, with patents for refrigerants that could lower ozone depletion. March 23, 2009

<http://www.environmentalleader.com/2009/03/24/ricoh-taisei-pledging-environmentally-beneficial-patents-to-public-domain/>

Jackie Joyner-Kersey: FDA "Insensitive" to Asthma Patients' Problems. Sen. Grassley investigating federally-mandated "death machine" inhalers.

Ms. Joyner-Kersey: "I would support 100 percent changes in the law (to bring back CFC inhalers).... We need a voice (on Capitol Hill) to take a serious look at this and not let us asthmatic die by the wayside." National Campaign To Save CFC Asthma Inhalers hopes she joins campaign "to change the Clean Air Act." March 20, 2009

http://www.consumeraffairs.com/news04/2009/03/asthma_hfa04.html

General biomedical and cancer research

Director's [of the NCI] Update. Making Connections between Stem Cells and Cancer.

General status. In treatment, "a central question is whether cancer stem cells can be made vulnerable to therapies by identifying and disrupting critical cell-signaling pathways. Promising work in this area has come recently from the laboratory of Dr. Mary J.C. Hendrix at the Northwestern University School of Medicine. Her team has identified an embryological signaling pathway that is improperly activated in metastatic melanoma and that could be targeted for the reprogramming of aggressive tumor cells." March 24, 2009
<http://www.cancer.gov/ncicancerbulletin/032409/page4>

Cancer drug 'fuels tumor growth.'

An anti-angiogenesis drug under development, which hampers the growth of blood vessels, unexpectedly stimulated growth of cancers, when taken in low doses. The conclusions apparently do not apply to other approved anti-angiogenesis drugs. March 23, 2009
<http://news.bbc.co.uk/2/hi/health/7954472.stm>

Family's cancer legacy moves teen to ponder genetic testing.

Perhaps a somewhat simplified account of popular interest in genetic testing and insurance coverage. "Thousands of diseases can be found programmed into the body's genetic code...." But hardly any disease is "programmed" as inevitably determined in the genes. Otherwise why get genetic tests to help with reducing risk and with prevention? March 22, 2009
<http://www.news-journalonline.com/NewsJournalOnline/News/WestVolusia/wvWEST02032209.htm>

Resveratrol in Wine Kills Cancer Cells.

"Resveratrol, a natural substance found in wine and in the skin of grapes, may prove effective in treating neuroblastoma, a nervous-system cancer affecting mostly babies and children." March 19, 2009
http://www.newsmax.com/health/resveratrol_kills_cancer/2009/03/19/193716.html

On new skin cancer research

Potential Molecular Prognostic Markers for Cutaneous Melanoma Identified.

Dr. D. L. Rimm et al. of Yale reviewed 37 cohort studies "presenting multivariable-adjusted survival estimates for 62 proteins as measured by immunohistochemistry and tissue microarray technology.... Their meta-analysis 'supports involvement of cyclin-dependent kinase inhibitors, effectors of DNA replication and cell proliferation, growth-promoting transcription factors, and multiple regulators of tissue invasion and metastasis... in modulating melanoma outcomes....'" March 25, 2009
<http://www.cancerpage.com/news/article.asp?id=13232>

Cancer Research Highlights. Last Item.

From Dr. K. Kraemer et al. of NCI. "Rare Genetic Disorder Reveals How UV Exposure May Cause Melanoma.... New research suggests that UV-induced mutations in a gene called PTEN that normally suppresses tumors may play an important role in the formation of melanoma.... Of these mutations, 91 percent included DNA base substitutions of the type that usually result from UV damage, with between 1 and 4 changes per tumor." March 24, 2009
<http://www.cancer.gov/ncicancerbulletin/032409/page3>

Special gold nanoparticles show promise for 'cooking' cancer cells.

Dr. J. Zhang of Univ. of California and Dr. C. Li of M. D. Anderson discuss additional progress on their long-term research applying nano-technology against cancer. "The cancer-destroying nanospheres show particular promise as a minimally invasive future treatment for malignant melanoma." March 23, 2009
http://www.eurekalert.org/pub_releases/2009-03/acs-sgn030909.php

Oily Fish, Wine May Reduce Skin Tumors.

March 24, 2009
http://www.insidecosmeceuticals.com/hot_news/oily-fish--wine-may-reduce-skin-tumors.html

Additional recent articles on skin cancer items listed in earlier roundups

Building a Better Mouse Model of Melanoma.

Dr. McMahon et al. "While other cancers are more common, it is the rate of increase and the often aggressive course of the disease that worries people who study melanoma." March 21, 2009
<http://www.miller-mccune.com/article/building-a-better-mouse-model-of-melanoma-1077>

New approach to Melanoma treatment?

Dr. T. Passeron's and NCI's study identifying "a protein called SOX9 that both inhibits melanoma cell proliferation and restores the sensitivity of melanoma cells to the chemotherapy drug retinoic acid." March 21, 2009
http://www.wvlp.com/dpp/health/cancer/wvlp_nci_new_approach_to_melanoma_treatment_200903212106

Skin cancer detection and treatment

Temozolomide and Thalidomide combination therapy for melanoma continues to show marginable [sic] efficacy with significant thromboembolic risk.

"The current study does little to revive this drug combination for melanoma treatment." March 20, 2009
<http://www.glgroupp.com/News/Temozolomide-and-Thalidomide-combination-therapy-for-melanoma-continues-to-show-marginable-efficacy-with-significant-thr-36065.html>

How a blemish turned out to be cancer.

Mostly on advantages of Mohs surgery, new at UK's Norfolk & Norwich University Hospital. March 23, 2009
<http://www.eveningnews24.co.uk/content/news/story.aspx?brand=ENOnline&category=News&Brand=ENOnline&Category=news&itemid=NOED23%20Mar%202009%2013%3A39%3A49%3A317>

A Systematic Review of the Scales Used for the Measurement of Cancer-Related Fatigue (CRF).

March 18, 2009

<http://www.medscape.com/viewarticle/587490>

In area with many medical needs, demand for dermatologists high.

"The most-needed doctors in Fredericksburg? Dermatologists.... A 2001 study in the Archives of Dermatology concluded that the U.S. had about 8,000 dermatologists, or about 1,000 short of what was needed." March 21, 2009
<http://fredericksburg.com/News/FLS/2009/032009/03222009/453026>

UK lagging on cancer care success.

"The UK's track record of treating and curing cancer lags behind much of Europe, research shows. However, it performed better than average for cancers of the head, neck and larynx, malignant melanoma...." March 24, 2009
<http://news.bbc.co.uk/2/hi/health/7958585.stm>

Industry, economics

Neoprobe's Phase 3 Lymphoseek Study Achieves Positive Results.

Now have enough lymph node counts in patients for evaluating the radioactive tracing agent. Study in patients with "either breast cancer or melanoma." March 22, 2009
<http://www.medicalnewstoday.com/articles/143138.php>

Vical's Allovectin-7(r) Phase 3 Trial Receives Positive Review From Safety Monitoring Board.

An independent Safety Monitoring Board for trial in patients with metastatic melanoma "has completed the trial's second scheduled safety analysis and recommended that the trial continue per the protocol." March 24, 2009
<http://www.foxbusiness.com/story/markets/industries/health-care/vicals-allovectin-r-phase--trial-receives-positive-review-safety-monitoring/>

Morristown Memorial Hospital will debut new liver cancer treatment.

Clinical trial for Delcath of "treatment for melanoma of the eye that has spread to the liver...." March 21, 2009
<http://www.nj.com/morris/index.ssf/2009/03/21/>

Watch Hinchey, Rodriguez testify live before congress about military medical malpractice bill.

U.S. House bill would allow members of the military to sue the government for medical malpractice. Mr. Rodriguez died at 29 of melanoma not treated in time. March 24, 2009
<http://www.recordonline.com/apps/pbcs.dll/article?AID=/20090324/NEWS/90324030>

Reps Hear Testimony on Changing Feres.

"His medical record, she testified, showed that a military doctor had diagnosed the melanoma in 1997 but never told him. Subsequently, other military doctors misdiagnosed the cancer and told him it was a wart." March 25, 2009
<http://www.military.com/news/article/reps-hear-testimony-on-changing-feres.html?col=1186032310810>

Articles focused on individuals

A Healthy Outlook for U-Conn., Coach.

Glowing essay on team, coach Jim Calhoun, who is being treated for severe squamous cell carcinoma. "... [M]y team helped me feel an awful lot better." March 21, 2009
<http://www.washingtonpost.com/wp-dyn/content/article/2009/03/21/AR2009032101701.html?hpid=topnews>

George seals Saluki sweep, ties saves record.

Mentions that Southern Illinois Univ. baseball team coach Dan Callahan "continues to recover from a form of melanoma." March 22, 2009
<http://www.southernillinoisan.com/articles/2009/03/22/sports/28795567.txt>

Spence undergoes emergency surgery for melanoma.

Former Queensland police minister "Judy Spence is today undergoing an urgent operation to remove a melanoma.... She will be Leader of the House when Parliament resumes." March 24, 2009
<http://www.brisbanetimes.com.au/news/queensland/spence-undergoes-emergency-surgery-for-melanoma/2009/03/24/1237656909708.html>

Fast News Fund-raiser for melanoma support.

"Boston Marathon 'Team Earley' is hosting a fund-raiser pancake breakfast Sunday ... in support of the Melanoma Foundation of New England." Kathy is a melanoma survivor; her husband Greg is running for wife, family and Foundation. March 19, 2009
<http://www.cabinet.com/apps/pbcs.dll/article?AID=/NS/20090319/MILFORD01/303199948/-1/milford01>

Walk Hard: Cancer survivor hikes to give back.

"To show her gratitude for the work the Leukemia and Lymphoma Society has done in the past years," a survivor is raising funds at "Hike for Discovery, 3 days at Grand Canyon hike on the last weekend in May." Ms. Gross also had "a small case of melanoma in her right arm..." March 22, 2009
http://www.santacruzsentinel.com/localnews/ci_11970157

Lee Goldsmith's family, friends remember a life well lived.

25-year environmental engineer and accomplished athlete dies after a 3-year battle with melanoma. Mourned by 500 at funeral. "Friends flew in from all across the country." March 21, 2009
http://www.benningtonbanner.com/ci_11965694

David Johnson Allred

Born in 1976. "Even with his diagnosis of malignant melanoma David graduated from SUU with his bachelors degree in 2008." March 25, 2009

<http://www.thespectrum.com/article/20090325/OBITUARIES/903250344>

Wallis COO dies.

The Wallis Cos. said that its chief operating officer died "three months after being diagnosed with skin cancer. He was 43." March 23, 2009

<http://www.bizjournals.com/stlouis/stories/2009/03/23/daily16.html>

Judge reluctantly famous for Westerfield murder trial.

"Judge William Mudd, 64, retired from the bench four years ago.... The judge was diagnosed with skin cancer in 2006.... Westerfield was tried, convicted and sentenced to death for the murder of 7-year-old Danielle Van Dam in 2002. The trial attracted nationwide attention." March 24, 2009

<http://www3.signonsandiego.com/stories/2009/mar/24/1m24mudd212145-judge-reluctantly-famous-westerfiel/>

Brentwood employee stays upbeat despite setbacks.

"Dolores LoPresti has a smile that never stops and energy that fills the room as she shares every detail of her life.... 'I've got melanoma that spread all over,' she says. 'I'm always having surgeries. But I usually come back to work the next day.'" March 18, 2009

<http://www.app.com/article/20090318/GETPUBLISHED/903180423/1004/NEWS01>

Good Samaritan fined while dropping elderly amputee home.

A driver helps an honored 82-year old Australian who had leg amputated decades ago because of melanoma. Driver fined for stopping in no-parking area to help amputee out. March 19, 2009

<http://www.news.com.au/heraldsun/story/0,21985,25215085-661,00.html>

'Every step of climb is for Jan.'

Mountaineer I. Rogers to climb Everest in memory of partner who died of skin cancer at 46. March 19, 2009

<http://www.thisisleicestershire.co.uk/news/step-climb-Jan/article-781643-detail/article.html>

Plea for help to assist orphans.

Woman works to help house orphans in Kenya. Ms. Walton was diagnosed with melanoma in 1996 and given 2 years to live. Joined World Vision. March 19, 2009

<http://ipswich-news.wherelive.com.au/news/story/plea-for-help-to-assist-orphans/>

A passion for teaching, service pushes Womble into overdrive.

Award-winning high school teacher and fund-raiser for community, J. Womble also volunteers for the ACS and its Relay for Life. She and her father "both were diagnosed with skin cancer." Works and has family. "There are days when you're tired and exhausted," Womble said. "But I know I'm impacting the future." March 21, 2009

<http://www.tallahassee.com/article/20090322/BUSINESS/903220321/1003>

Vitamin D – benefits and sources

Vitamin D Experts Suggest Bias in Findings of International Cancer Agency Report on Skin Cancer.

"Two of the world's foremost authorities on Vitamin D have published papers stating important evidence was discounted or omitted by the International Agency for Research on Cancer (IARC) in assessing an overview of the role of vitamin D and ultraviolet-B (UVB) in reducing the risk of cancer." Papers by Dr. W. B. Grant and Dr. Holick are at website of Sunlight Research Forum. March 20, 2009

http://www.marketwatch.com/news/story/vitamin-d-experts-suggest-bias/story.aspx?guid=%7B05412101-2EAC-4B61-8154-13008BB314AE%7D&dist=msr_1

Too little sun cuts vitamin D by half in Americans.

Mentions the findings that "70 percent of whites, 97 percent of blacks and 90 percent of Hispanics in the U.S. had less than 30 nanograms of vitamin D per milliliter of blood, the level considered adequate for health, during the years 2001 to 2004." Dr. Picciano of NIH believes the extent of deficiency may be speculative. No basis for recommending high supplements. March 23, 2009

http://www.sltrib.com/ci_11978671

Vitamin D deficiency soars in the U.S., study says.

Claims that Dr. Ginde believes sunscreen "with as little as a 15-factor protection cuts the skin's vitamin D production by 99 percent." Doesn't mention that other studies show sunscreen seems to have had no effect on vitamin D levels. March 23, 2009

<http://www.sciam.com/article.cfm?id=vitamin-d-deficiency-united-states>

D-action Campaign Urges Canadians to Test Vitamin D Levels.

From Ms. Baggerly, message for cancer survivors. "Because 90 per cent of your vitamin D comes from sunlight, 97 per cent of Canadians will become vitamin D deficient sometime during the year, most likely between October and March when sun exposure is minimal." March 25, 2009

<http://www.marketwire.com/press-release/D-Action-965867.html>

As ministry dawdles, health fund screens for vitamin D.

Large health fund in Israel takes action "after finding that 36 percent of blood samples tested in its labs are deficient in the essential vitamin (having less than 20 nanograms per milliliter, while 32 mgs. is regarded as desirable)." So even in a sunny country vitamin D deficiency may be significant. Due to changed lifestyles, including indoor life for teens. March 24, 2009

<http://www.jpost.com/servlet/Satellite?cid=1237727529483&pagename=JPost%2FJPArticle%2FShowFull>

'Close to 100 pc in ME [Middle East] lack vitamin D.'

Kuwait physician believes a host of diseases are due to vitamin D deficiency. March 21, 2009

<http://www.arabtimesonline.com/kuwaitnews/pagesdetails.asp?nid=30150&ccid=9>

Prevention of Nonvertebral Fractures with Oral Vitamin D and Dose Dependency. A Meta-analysis of Randomized Controlled Trials.

"Nonvertebral fracture prevention with vitamin D is dose dependent, and a higher dose should reduce fractures by at least 20% for individuals aged 65 years or older." March 23, 2009
<http://archinte.ama-assn.org/cgi/content/short/169/6/551>

Vitamin D Pills Cut Bone Fracture Risk.

"A daily dose of vitamin D supplements may cut the chance of bone fractures in people 65 and older -- provided the dose is high enough." Need to take more than 400 IUs per day. March 24, 2009
<http://www.webmd.com/news/20090323/vitamin-d-pills-cut-bone-fracture-risk>

Should you test for Vitamin D?

"But testing for low levels of vitamin D may raise more questions than it answers. The tests aren't standardized, so the results can differ from one lab to another." Then questions arise of what is desirable level and are supplements good. March 23, 2009
http://featuresblogs.chicagotribune.com/features_julieshealthclub/2009/03/should-you-test-for-vitamin-d.html

Am I Vitamin D Deficient?

"Levels should be above 50 ng/ml year-round, in both children and adults.... The average person starts to store cholecalciferol at 40 ng/ml, but at 50 ng/ml virtually everyone begins to store it for future use." Discusses a home test kit. March 24, 2009
<http://www.empowher.com/news/herarticle/2009/03/24/am-i-vitamin-d-deficient>

How much vitamin D should someone over 55 take?

"A simple blood test is available to determine whether you are deficient in vitamin D, but optimal levels have not yet been established. Groups at risk of vitamin D deficiency include breastfed infants, adults age 50 and older, people with limited sun exposure, people with milk allergy or lactose intolerance, people with fat malabsorption, people with dark skin, and people who are obese." March 20, 2009
<http://www.cnn.com/2009/HEALTH/expert.q.a/03/20/vitamin.d.seniors.jampolis/>

Fortified Vitamin D Bread Improves BMD.

March 23, 2009
<http://www.naturalproductsinsider.com/hotnews/fortified-vitamin-d-bread-safety--health-bene.html>

Tanning – UV and non-UV

[Ms.] Collar completes certification.

The International Smart Tan Network has a certification program that "requires an individual to be knowledgeable about the effects of ultraviolet light, skin types...." March 21, 2009
<http://www.galesburg.com/business/x110660072/Collar-completes-certification>

Simon Cowell - Cowell builds tanning salon in mansion.

March 22, 2009
http://www.contactmusic.com/news.nsf/article/cowell%20builds%20tanning%20salon%20in%20mansion_1098400

Sun goes down on council tanning beds.

Some UK localities are discontinuing tanning beds for health concerns. March 25, 2009
http://www.tivysideadvertiser.co.uk/news/4232176.Sun_goes_down_on_council_tanning_beds/

Natalie Roche on setting up tanning business Skin Solutions UK.

"UK distribution rights to Xen-Tan, a product that claims to provide a fake tan without undue smells or orange tints." March 24, 2009
<http://www.telegraph.co.uk/sponsored/business/businesstruth/5045276/Natalie-Roche-on-setting-up-tanning-business-Skin-Solutions-UK.html>

Sunscreen

Spring fashion don'ts.

Number 4 is to use sunscreen, always "in." "While being tan is hot, melanoma is the most common type of cancer, and most damage occurs in the young adult years." March 19, 2009
<http://www.northernstar.info/article/6786/>

Skin Patch Measures Person's Exposure to Sun.

The skin patch from researchers at University of Strathclyde. Since it's not available yet, article has advice on how to use sunscreen. Also the products endorsed by the The Skin Cancer Foundation as effective against UV. March 21, 2009
<http://www.emaxhealth.com/1024/66/29964/skin-patch-measures-persons-exposure-sun.html>

Keep SPF on hand this spring break. Skin cancer is more common than you think.

"So when heading out the door this spring break, be smart and remember to pack the sunscreen-it could end up saving your life." March 24, 2009
<http://media.www.thecsusmpride.com/media/storage/paper1149/news/2009/03/24/FacesPlaces/Keep-Spf.On.Hand.This.Spring.Break-3680473.shtml>

Effort under way to help area soldiers serving overseas.

"Operation Sunscreen is a partnership with Mary Kay's Lepley's Unit in Somerset and the Somerset Christian Fellowship." March 23, 2009
<http://www.dailyamerican.com/articles/2009/03/23/news/news/news325.txt>

Nanoparticles in Sunscreen Damage Microbes.

Studies from University of Toledo, Utah State and Univ. of Utah show nano-particles from sunscreens and other products, that are washed off and end up at sewage treatment plants or in the environment, may reduce the vital functions of beneficial microbes in water, soil, etc. March 24, 2009

<http://www.sciam.com/article.cfm?id=nanoparticles-in-sunscreen>

Do chemical sunscreens actually cause cancer?

Perhaps a somewhat desultory inquiry into potential perils of "chemical sunscreens" by a producer of "natural" sun block. March 24, 12:38 PM

<http://www.examiner.com/x-4069-Denver-Alternative-Medicine-Examiner-y2009m3d23-Do-chemical-sunscreens-actually-cause-cancer>

Other protective products

Burning Issue: Skin Cancer Increasing for Men who Shun Sun Protection.

Beach Factory: "Malignant melanoma is more than twice as common in young women as in young men, but more men die from it....

Protective clothing is the best way to guard against skin cancer...." March 20, 2009

<http://www.pressdispensary.co.uk/releases/c992150/Burning-Issue:-Skin-Cancer-Increasing-for-Men-who-Shun-Sun-Protection-.php>

Special skin-cancer related events

22 Year Survivor of Stage 4 Malignant Melanoma to Speak in Portland.

Ms. M. McKenna "will be speaking about her experience as 22 year survivor of Stage IV malignant melanoma at our local macrobiotic potluck." March 21, 2009

<http://ellsworthmaine.com/site/index.php/2009032119840/Blogs/22-Year-Survivor-Of-Stage-4-Malignant-Melanoma-To-Speak-In-Portland.html>

Two-fold purpose for games.

East Stroudsburg High School basketball games to raise money to fight cancer, Monday. One of several people honored will be "Pam Hoy — Longtime teacher in Stroudsburg School District, battling skin cancer now." March 22, 2009

<http://www.pocconorecord.com/apps/pbcs.dll/article?AID=/20090322/SPORTS/903220343>

SHAPE Heats Up With First Ever Bikini Body Tour.

"4 out of 5 American women say they're dissatisfied with the way they look." Fitness classes. "Equinox Fitness Clubs will host SHAPE Magazine Bikini Body classes nationwide from April-June!" To benefit The Skin Cancer Foundation. March 24, 2009

<http://www.foxbusiness.com/story/shape-heats-bikini-body-tour/>

Miscellaneous

Red Sox statement regarding Schilling retirement.

In saluting Curt Schilling, the Boston Red Sox mention that "with his wife, Shonda, Curt impacted the community in myriad ways including by raising funds and awareness for such important causes as skin cancer prevention, through his efforts with the Shade Foundation, and Lou Gehrig's Disease, with Curt's Pitch for ALS." March 23, 2009

http://www.turnto10.com/jar/sports/local/article/red_sox_statement_regarding_schilling_retirement/11688/

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Ilona Melstrads](#)
To:
Bcc: [Drusilla Hufford](#)
Subject: SunWise News Roundup May 23, 2007
Date: 05/23/2007 03:31 PM



News Roundup Wednesday May 23, 2007

Skin cancer prevention / awareness: events

Simulated or non-UV tanning – an elephant in the room?

Beware the afterglow from tanning efforts.

Non-UV tanning, although safe as such, may be “perpetuating an image that is fundamentally linked to risky behavior.... [T]he fashion for a bronzed look ... may encourage young women to seek a tanned appearance at any cost.” A study from Boston Univ. of people age 18 to 30 “found that young women who used sunless tanners were more likely to get sunburns and use sun beds than their peers who were not interested in self-tanning products; the results were similar to those found in studies in Australia.” May 21, 2007

http://www.insidebayarea.com/bayarealiving/ci_5947435

Shine without the sun -- Simulated tanning is booming.

“We know that physicians are urging patients to use sunless tanning products instead of tanning booths,” said Alan C. Geller ...at Boston University.... “But sunless tanners are not serving the purpose of a safe alternative because we found young women using them as an adjunct to sunbathing and tanning beds.” May 18, 2007

http://www.postbulletin.com/newsmanager/templates/localnews_story.asp?z=31&a=294691

Educational programs, fundraisers

SunSafe dugouts winner at field.

The Belchertown Little League now has two SunSafe dugouts thanks to the Melanoma Foundation of New England. “The foundation provided a kit, which local volunteers put together last fall and placed on concrete slabs for the dugouts. Funding source interesting. “The kids love them,” said Paul G. Anziano, president of the Belchertown Little League. May 21, 2007

<http://www.masslive.com/metrowest/republican/index.ssf?/base/news-9/1179732066223900.xml&coll=1>

Skin Cancer Information is Newest Offering on NIH SeniorHealth Website.

“The new Web feature defines skin cancer, covers the causes and risks, as well as symptoms, screening and diagnosis. It also explains treatments and the latest research on skin cancer.” Joint effort of the National Institute on Aging (NIA) and the National Library of Medicine (NLM). May 20, 2007

<http://www.battlecreekenquirer.com/apps/pbcs.dll/article?AID=/20070520/NEWS01/305200011/1002>

Raffle supports melanoma education effort.

Tickets are available for the Melanoma Education Foundation's annual Calendar Raffle to help with skin cancer teacher-training and student materials in New England schools. Drawings start July 1, for 31 prizes, including season Red Sox tickets. May 21, 2007

<http://www.keeptimecurrent.com/Community/story.cfm?storyID=37010>

Tanning legislation

Some Rockland public health laws viewed as invasive.

Sundry views on recent laws, including one prohibiting indoor tanning to all under the age of 16 and requiring written consent for 16- and 17-year-olds. May 19, 2007

<http://www.nyjournalnews.com/apps/pbcs.dll/article?AID=/20070520/NEWS03/705200416>

Skin cancer awareness

Shield your skin for a healthy tomorrow.

Janet Voinovich, the wife of Sen. George V. Voinovich, R-Ohio, and a member of Congressional Families Action for Cancer Awareness, urges preventive actions by people of all ages. “Today, skin cancer is the most common and fastest growing form of cancer in the United States and it affects more than one million people each year.... Seek shade, wear sunblock - this includes lotion, lip balm with SPF protection, sunglasses and protective clothing....” May 18, 2007

<http://www.chillicothe Gazette.com/apps/pbcs.dll/article?AID=/20070518/OPINION/705180320/1014/OPINION>

May is Skin Cancer Awareness Month.

"Skin cancer is the most common of all cancers," from Dr. C. Fixler, an ACS volunteer. "This type of cancer can almost completely be avoided if people would protect their skin and follow simple guidelines when they are outside." May 18, 2007

<http://fairborndailyherald.1upmonitor.com/main.asp?>

SectionID=24&SubSectionID=454&ArticleID=125146&TM=37045.54

Protect your skin today for a healthier tomorrow.

As a similar article last week noted, "Raising awareness is quite possibly the most important thing we can do to prevent skin cancer. The bottom line is that skin cancer is often preventable, and you don't have to cut back on outdoor fun if you protect yourself." May 21, 2007

<http://zanesvilletimesrecorder.com/apps/pbcs.dll/article?AID=/20070521/OPINION02/705210334/1014/OPINION>

Protection is key to preventing skin cancer.

Similar to an earlier article on high school softball coach N. Brody and his personal efforts to inform others about the dangers of the sun. Dermatologists are concerned with what high school athletes know about the dangers and methods of protection. May 21, 2007

<http://www.centredaily.com/living/story/101650.html>

Sun savvy. Skin protection isn't optional.

"Sun damage doesn't happen just in childhood. Sunburns from adolescence combined with those from the adult years can create a higher risk of cancer." May 18, 2007

<http://www.chron.com/disp/story.mpl/life/style/4816286.html>

Doctor: Melanoma screening saves lives.

Advice on protection from Dr. J. Lowe, Mercy Health Center. May 22, 2007

http://www.edmondsun.com/features/local_story_142001348.html?keyword=secondarystory

Have moles, bumps checked.

"Yes, Caucasians develop skin cancer at 10 times the rate of other races, but people of color should be aware that they aren't exempt." May 17, 2007

<http://www.tuscaloosaneews.com/article/20070517/NEWS/705170354/1002/NEWS04>

Skin Health Ages & Stages.

Short, cogent, but mostly for women. May 18, 2007

http://www.kristv.com/Global/story.asp?S=5141314&nav=menu192_12_2

Skin cancer data and risk

Skin cancer is AVP's [Assoc. of Volleyball Professionals, the tour for beach volleyball] inconvenient truth.

"Nygaard admits what so many others choose not to talk about ... that the lifestyle of a beach pro might not be worth all those hours in the ultra-violet rays." AVP does not have written policy on educating players. But it does have 2 helpful sponsors: Banana Boat sunscreen and SolarSafe wristbands. May 20, 2007

<http://www.dailybreeze.com/sports/articles/7599022.html>

Health and wellness. May is Skin Cancer awareness month.

"Skin cancer has increased in this country [Canada] by 60 per cent in the last 10 years. It is also the most common form on cancer in the United States...." May 22, 2007

<http://www.gulfnews.ca/index.cfm?iid=2527&sid=21657>

Skin Cancer on the Rise.

Physician: "Well, you've got the age of the people from the 60s and the 70s that did not have sun screen.....We're also seeing a lot of melanomas in younger people that we didn't really expect in the past...." May 21, 2007

<http://www.tricities.com/tristate/tri/news.apx.-content-articles-TRI-2007-05-21-0038.html>

Skin cancer in Virginia.

People most at risk; also, melanoma is among the top seven types of cancer in Virginia. May 23, 2007

<http://www.dailypress.com/news/local/dp-skinancerinva,0,6630839.story?coll=dp-news-local-final>

Skin cancer cases in Málaga increase by ten percent in a year.

Some sensible statements and some wilder statements, by maybe an amateur writer. May 21, 2007

http://www.typicallyspanish.com/news/publish/article_10555.shtml

Ask Dr. H | Test for malignant-melanoma gene.

"Melaris is a new blood test from Myriad Genetic Laboratories that can detect a gene mutation whose presence

greatly increases one's chance of developing malignant melanoma. The average lifetime risk of developing the cancer by age 80 is around 1 percent, but jumps up to 76 percent if one has the 'p16' gene mutation." May 21, 2007
http://www.philly.com/inquirer/health_science/weekly/20070521_Ask_Dr_H___Test_for_malignant-melanoma_gene.html

UV and ozone layer

Climate: Panel to assess lessons learned from Montreal Protocol.

The House Oversight and Government Reform Committee will review the effectiveness of the Montreal Protocol, which halted the destruction of the ozone layer. As a side-effect, it also helped to slow climate change even more than the Kyoto treaty. What lessons it has for Kyoto treaty. May 21, 2007
<http://www.eenews.net/EEDaily/2007/05/21/#6>

Light and life. Question 9.

"Ozone is an extremely important factor in photobiology because skin cancer... is affected by the amount of UV radiation in sunlight and that is determined by the depth of the ozone layer.... One of the roles of photobiologistsis to let people know about the importance of the ozone layer...." May 18, 2007
http://www.checkbiotech.org/green_News_Genetics.aspx?infol=14704

2007 is International Year of the Ozone Layer.

2007 is the "20th Anniversary of the Montreal Protocol, hence, the declaration of International Year of the Ozone Layer." Article discusses UN awards for international contests and the Philippine contests. May 21, 2007
<http://www.pia.gov.ph/?m=12&fi=p070521.htm&no=18>

Antarctic Ocean Losing Ability to Absorb Carbon Dioxide.

"The researchers found that the Southern Ocean is becoming less efficient at absorbing carbon dioxide due to an increase in wind strength over the ocean, resulting from human-induced climate change.... The increase in wind strength is due to a combination of higher levels of greenhouse gases in the atmosphere and long-term ozone depletion in the stratosphere...." In *Science*. May 18, 2007
<http://www.ens-newswire.com/ens/may2007/2007-05-18-04.asp>

New global warming threat from Southern Ocean: study.

"The reason for the slowdown is more winds over the Southern Ocean since 1958, caused by human-produced greenhouse gases and ozone depletion." May 19, 2007
<http://www.chinapost.com.tw/news/archives/front/2007519/110014.htm>

Southern Ocean Nears CO2 Saturation Point.

"Oceans ought to be able to absorb CO2 for hundreds of years into the future before becoming saturated. 'This was something that should not be happening....'" May 17, 2007
<http://www.ipsnews.net/news.asp?idnews=37774>

The oceans have had enough.

May 19, 2007
<http://itsgettinghotinhere.org/1495>

DENR [Department of Environment and Natural Resources in Philippines] to act on ozone-depleting substances.

Philippine Regional Information Center and Network, to campaign against production and consumption of ozone-depleting substances or ODS. May 18, 2007
<http://www.pia.gov.ph/default.asp?m=12&fi=p070518.htm&no=33>

EMB-8 pushes ozone-depleting substances phaseout program.

The Philippine government's Regional Information Centers and campaign to raise awareness of users of ODS to control their demand. May 18, 2007
<http://www.pia.gov.ph/default.asp?m=12&fi=p070518.htm&no=53>

Chinese Customs Officers Train to Detect Environmental Crimes.

UN Programs' training "emphasizes cooperation that is expected to become a lasting partnership between China customs officials and the other partners." "China Customs seized nearly 8.2 metric tons of dichlorodifluoromethane (CFC-12), an ozone depleting substance used in refrigerant and air conditioning systems, between September 1 and November 30, 2006." May 18, 2007
<http://www.ens-newswire.com/ens/may2007/2007-05-18-02.asp>

China's customs officers go back to school to learn to detect CFC12.

May 22, 2007
http://www.acr-news.com/news/news_story.asp?id=306

DRDO develops environment-friendly fire-fighting technology.

Replacing halon as fire extinguisher, to conform to "the Montreal Protocol on ozone depleting substances that require gradual phasing out of Chloro-Fluro-Carbon (CFC) and Halons." May 22, 2007

<http://www.newkerala.com/news5.php?action=fullnews&id=31839>

Methyl Bromide Inventory Shrinks.

"EPA says stocks of the fumigant are down more than 50% since 2003." May 17, 2007

<http://pubs.acs.org/cen/news/85/i21/8521news5.html>

EPA Honors Climate and Ozone Protection Award Winners.

"As part of the Bush Administration's aggressive yet practical strategy, EPA is pleased to work with partners like these award winners to protect the Earth's atmosphere in cost-effective ways," said EPA Administrator Stephen L. Johnson." May 22, 2007

<http://www.pollutiononline.com/content/news/article.asp?DocID=%7B5AC3E9B1-3A7C-43E6-AD54-97245C9A676A%7D&Bucket=Current+Headlines>

Cancer risk grows as ozone layer degrades globally.

The writings and organizations created by a Canadian political maverick, Raymond Samuels II, doubt that "big business" has stopped distributing ozone-depleting products as usually stated. May 18, 2007

<http://www.agoracosmopolitan.com/home/Frontpage/2007/05/18/01576.html>

UV index

The moment of truth.

On getting photographed with a special UV camera "after a lifetime of sun revelry." Coppertone and other experts say that "the UV index should dictate what SPF you choose." May 17, 2007

<http://www.canada.com/topics/bodyandhealth/story.html?id=f4156683-5c09-4dcf-97ef-36aca3835fff&k=75665>

UV and eyes

Sunglasses can protect those eyes from sunburn.

May 22, 2007

<http://www.hattiesburgamerican.com/apps/pbcs.dll/article?AID=/20070522/LIFESTYLE/705220331>

Protect Your Eyes from an Invisible Threat - Tips for Safe Fun in the Sun, by The American Academy of Ophthalmology.

May 19, 2007

http://www.healthnewsdigest.com/news/Family_Health_210/Protect_Your_Eyes_From_An_Invisible_Threat_-_Tips_For_Safe_Fun_In_The_Sun.shtml

Wear The Right Sunglasses to Protect Your Eyes.

May 20, 2007

<http://www.wsaw.com/home/headlines/7602187.html>

Children, Teens at Greater Risk Than Adults Of Exposure To Damaging UV Radiation.

"The effects of UV radiation are cumulative over a person's lifetime, so exposure may contribute to the development of various ocular disorders including age-related cataract... That's why it is important to get maximum protection beginning in childhood. The greatest measure of UV protection can be achieved with a combination of UV-absorbing sunglasses, a wide brimmed hat, and UV-blocking contact lenses." May 19, 2007

<http://www.medicalnewstoday.com/medicalnews.php?newsid=71478>

Children, Teens at Greater Risk than Adults of Exposure to Damaging UV Radiation Eye Care Professionals Say Sunglasses Are not Enough; Offer Advice on Comprehensive UV Protection for Eyes.

May 17, 2007

<http://sev.prnewswire.com/health-care-hospitals/20070517/CLTH02217052007-1.html>

On new skin cancer research

Caspase-14 protects our skin against UVB and dehydration.

Belgian researchers "have demonstrated that the caspase-14 protein - whose function has been unknown up to now - not only plays a role in maintaining the balance of moisture in the skin but also offers protection against UVB rays." They showed that "the filtering action of the epidermis of mice without caspase-14 decreases dramatically."

May 22, 2007

http://cancerfocus.net/caspase_14_protects_our_skin_against_uv_and_dehydration/450

Scientists identify protein that protects our skin.

"The mice lacking the caspase-14 gene had skin that was shiny and wrinkled from dehydration due to the loss of water via the skin. Furthermore, the skin of these mice was highly sensitive to damage from ultraviolet B radiation." Online, *Nature Cell Biology*. May 22, 2007
http://cordis.europa.eu/fetch?CALLER=EN_NEWS&ACTION=D&SESSION=&RCN=27713

UV protection in the skin.

The original research letter. "Importantly, the skin of caspase-14-deficient mice was highly sensitive to the formation of cyclobutane pyrimidine dimers after UVB irradiation, leading to increased levels of UVB-induced apoptosis." May 21, 2007
<http://www.nature.com/ncb/journal/vaop/ncurrent/abs/ncb1597.html>

Texas banker gives \$20 million to Tampa melanoma research center.

"Donald Adam and Moffitt officials on Tuesday announced the donation that will fund the first five years of research and development at the new Donald A. Adam Comprehensive Melanoma Research Center." Mr. Adam had melanoma in his 50s. May 23, 2007
<http://www.gainesville.com/apps/pbcs.dll/article?AID=/20070523/APN/705231505>

Additional recent articles on previously-listed skin cancer items

Cold virus hits cancer cells for six.

"The coxsackie virus, which can cause colds in healthy people, has shown it can infect and fight certain cancer cells, in particular melanoma, breast cancer and prostate cancer....The clinical trials will be funded by ...Viralytics." May 20, 2007
<http://www.brisbanetimes.com.au/news/national/cold-virus-hits-cancer-cells-for-six/2007/05/19/1179497346440.html>

Common cold virus could hold key to killing cancer.

"Viralytics board member Darren Shafren, an associate professor at the University of Newcastle, said the virus attacked particular cancer cells but mostly left normal cells alone." May 20, 2007
<http://www.theage.com.au/news/national/common-cold-virus-could-hold-key-to-killing-cancer/2007/05/19/1179497342291.html>

Fighting cancer by the bramble.

Black raspberries contain anthocyanins. "In plants, anthocyanins act as a sunscreen, absorbing high-frequency blue-green light. As antioxidants, they scavenge free radicals that form in plant tissue through ultraviolet radiation." May 22, 2007
http://www.columbusdispatch.com/dispatch/content/science/stories/2007/05/22/sci_berries.ART_ART_05-22-07_B4_G66OFHJ.html

Skin cancer detection and treatment

Skin cancer surgeons keep excisions to a minimum.

Discusses treatment of basal cell carcinoma and melanoma in two individuals. "Both caught their cancers early, and both walked out of the clinic wearing a bandage and a smile." May 21, 2007
<http://www.fortwayne.com/mld/newssentinel/living/17258327.htm>

Myths About Melanoma Could Lead to Delayed Diagnosis and Treatment.

May 20, 2007
http://www.medindia.net/news/view_news_main.asp?x=21110

Industry

Oxford Biomedica Announces That Phase II Results with Hi-8 Mel in Melanoma Will Be Presented at American Association of Immunologists Meeting.

Oxford BioMedica said its subsidiary, Oxxon Therapeutics, and its clinical collaborators will present results from a Phase II trial of Hi-8 MEL in melanoma at the Amer. Assoc. of Immunologists Meeting, 18-22 May in Miami. "The trial was designed to evaluate the immune and clinical responses elicited by the prime-boost immunotherapeutic vaccine, Hi-8 MEL." May 17, 2007
<http://www.pharmalive.com/News/index.cfm?articleid=443108&categoryid=40>

Experts: Bill will increase skin cancer rates.

NZ confronted with Therapeutic Products and Medicines Bill "which seeks to establish a trans-Tasman agency to regulate herbal products and medicines." NZ Dermatologist Society "says the bill will cap sunscreens at SPF 30, which is ridiculous given the hole in our ozone." May 20, 2007
<http://www.tv3.co.nz/News/NationalNews/tabid/184/articleID/27429/Default.aspx>

Consumers and Corporates Unite to Oppose New Laws.

Lengthy article on above issue. "More than 1000 of New Zealand's best loved cosmetics, sunscreens and dietary supplements will be unavailable under the Government's move to create a joint Therapeutic Goods Agency with Australia..." Concern also with product innovation. May 21, 2007
<http://www.scoop.co.nz/stories/BU0705/S00452.htm>

Novel FluVacc vaccine enters Phase I trial.

Details, from company that is also "developing OncoFlu, an anticancer based on a genetically engineered influenza virus that has shown selective anti-tumour effects in SCID mouse melanoma models; and MelVir, a tool for early diagnosis of melanoma..." May 21, 2007
<http://www.outsourcing-pharma.com/news/ng.asp?n=76666-avir-green-hills-biotechnology-medical-university-of-vienna-influenza-vaccine-fluvacc>

Articles focused on individuals

Perceptions of McCain's health may hinder bid.

Some details on his experience with melanoma, but most focus is on his appearance and the effects of enduring 5 ½ years of North Vietnamese imprisonment, during which he was frequently injured and only weighed 100 lbs. May 20, 2007
<http://www.fortwayne.com/mld/journalgazette/news/nation/17255509.htm>

A Life Remembered: Pediatrician remembered as an advocate for abused children.

Creator of children's programs dies at 49, after a three-year battle with melanoma. May 23, 2007
<http://www.lacrossetribune.com/articles/2007/05/23/news/z03kolb23.txt>

Cross-country trek raising funds for cancer research.

"I needed something to motivate me and that is when I thought of my mom's battle with cancer," Gregory said. "After I was born, she had a bone marrow transplant in 1979, and she lived 20 years after the transplant but lost her battle to melanoma in 1999.... I have done 38 newspaper articles, 18 television interviews and three radio shows so far." May 22, 2007
<http://www.theadvertiser.com/apps/pbcs.dll/article?AID=/20070522/NEWS01/705220341/1002/NEWS01>

Woman Who Declined Cancer Treatments to Give Unborn Baby Life Dies.

"Diagnosed with a potentially fatal form of skin cancer, Radosz declined to take her child's life in an abortion so she could save her own and declined the chemotherapy treatments that could have helped her." Arranged to receive a pioneering gene therapy at Boston's Brigham and Women's Hospital but went into coma. May 18, 2007
<http://www.lifenews.com/int291.html>

Tragic end for woman who said no to cancer treatment to save her unborn son.

May 16, 2007
<http://news.scotsman.com/scotland.cfm?id=765282007>

'Dr. Jack's' big battles.

"At 82, none of his life-altering ordeals have slowed or sapped the spirit from the Hall of Fame coach and former Heat TV analyst known affectionately as 'Dr. Jack.' ... Ramsay said he has never felt scared, even as melanomas kept appearing." May 18, 2007
<http://www.miamiherald.com/594/story/110798.html>

Sadly, he thought it was just a pesky wart.

For a 43-year old man, "It's dumbfounding," says his sister-in-law, Susan Dunn of Allen Park, "to know a little abnormality can develop into this." Melanoma has spread too far. Article also on prevention and on fundraiser for the Melanoma Research Foundation. May 23, 2007
<http://detnews.com/apps/pbcs.dll/article?AID=/20070523/OPINION03/705230372/1005/LIFESTYLE>

RPA - Where Are They Now?

Australian TV show revisits lives that affected its viewers. One is a skin cancer survivor, interviewed 10 years after his life-saving surgery. Show on May 24, Channel Nine. May 22, 2007
<http://www.ebroadcast.com.au/enews/rpa-where-are-they-now-220507.html>

Vitamin D – benefits and sources

The Facts about Vitamin D.

Mentions various aspects of vitamin production and its benefits and tends to believe there may be a widespread deficiency in vitamin D. "No harm is likely to result from vitamin D deficiency that occurs for only a few days a year. If the deficiency occurs for a period of many months or years, however, rickets or osteomalacia may develop. ..." May 21, 2007

<http://www.dentalplans.com/articles/17863/>

Only Half of Americans Aware of Bone-Building Duo's Powerful Benefits Related News.

"Americans have long known the importance of calcium in building strong bones; however, according to a recent study conducted by Tropicana Pure Premium Orange Juice, only 55 percent were aware of vitamin D's key role in bone health." May 21, 2007

http://www.nutritionhorizon.com/newsmaker_article.asp?idNewsMaker=14041&fSite=AO545&next=2

Dermatologists fume over tanning health claims.

Dermatologists say the tanning bed industry is exploiting studies on the benefits of vitamin D. "The American Journal of Clinical Nutrition is publishing the online study next month, which is expected to show that a four-year trial of 1,179 women who took a vitamin D supplement daily had a reduction in cancer incidence....." As noted last week, tanning salons are not equivalent to vitamin D supplements! May 22, 2007

<http://www.canada.com/topics/bodyandhealth/story.html?id=0f710d59-37e0-4ece-8cae-868c7b2e51be&k=74624>

Vitamin D needs more calcium to lower hip fracture.

"The risk of hip fracture appears to be reduced by oral vitamin D supplements only if they are accompanied by additional calcium," from Dr. S. Boonen of Katholieke Universiteit Leuven, Belgium. May 21, 2007

<http://www.zeenews.com/znnew/articles.asp?aid=372445&ssid=28&sid=ENV>

Vitamin D needs more calcium to lower hip fracture.

Supplementation should be targeted to individuals with insufficiencies, such as those older than 75; the home bound or institutionalized; "patients with a diagnosis of osteoporosis; and individuals on steroids or other drugs that decrease bone mineral density." May 18, 2007

<http://www.sciam.com/article.cfm?alias=vitamin-d-needs-more-calc&chanId=sa003&modsrc=reuters>

Food Safety Authority of Ireland Advises On National Policy For Vitamin D Supplementation For Infants.

"This recommendation follows a review undertaken by the FSAI's Scientific Committee which highlights the re-emergence of rickets in infants in Ireland, a medical condition caused by severe vitamin D deficiency." May 18, 2007

<http://www.medicalnewstoday.com/medicalnews.php?newsid=71275>

Childhood Vitamin D—A New Benefit?

"Asthma incidence has been rising among people of all ages, but especially children." No general preventive measures or cures for asthma known. "But two new studies suggest ensuring that children get plenty of the sunshine vitamin might limit its toll." May 18, 2007

<http://www.sciencenews.org/articles/20070519/food.asp>

Could Fish and Vitamin D Prevent Macular Degeneration?

Similar to previously mentioned reports. "A recent study reveals eating fish rich in omega-3 fatty acids may reduce a person's risk for age-related macular degeneration (AMD), the most common cause of blindness in people older than age 50." May 20, 2007

<http://www.drkoop.com/newsdetail/93/8016183.html>

Vitamin D Supplements May Offer Cheap And Effective Immune System Boost Against TB.

"Scientists have shown that a single 2.5mg dose of vitamin D may be enough to boost the immune system to fight against tuberculosis (TB) and similar bacteria for at least 6 weeks." May 20, 2007

<http://www.medicalnewstoday.com/medicalnews.php?newsid=71140>

Tanning – UV and non-UV

Mostly on UV-tanning

Tanning booths increase cancer risk: WHO report.

Also on special concerns in Taipei. "Most tanning bulbs' ultraviolet-A [UVA] rays are of low intensity, allowing users to gradually cultivate pigment without getting sunburned," Tri-Service Hospital's chief dermatologist Chao Chao-ming said. "But," he said, "not getting sunburned doesn't mean that the skin hasn't been damaged." May 20, 2007

<http://www.taipeitimes.com/News/taiwan/archives/2007/05/20/2003361660>

Doctors warn against 'healthy' tan.

"There is no such thing as a healthy tan. Ultraviolet rays can kill you." said John Laskas, president of the Pennsylvania Academy of Dermatology and Dermatologic Surgery. "It doesn't mean you have to stay in the basement. But it does mean you need to do more than apply a little sunscreen." May 18, 2007

http://www.upi.com/Health_Business/Briefing/2007/05/18/doctors_warn_against_healthy_tan/8986/

Breaking the tanning addiction.

Patients with melanoma and physicians give views. One physician notes that "researchers haven't found the

smoking gun to link tanning beds and skin cancer. But statistics show there's a danger: Those who visit tanning salons more than once a month are twice as likely to develop melanoma." May 22, 2007
<http://www.poststar.com/articles/2007/05/22/ae/today/a539f171071e6e08852572e3000f8536.txt>

Tanning Troubles: Sensible Fun in the Sun.

"In Utah our winters consist of endless days of freezing temperatures, choking inversions and gray, cloudy skies. It's inevitable that when the sun comes out, we want out too. The problem is, no one wants to cover up with wide-brimmed hats and parasols." May 22, 2007
<http://newsnet.byu.edu/story.cfm/64409>

Ultraviolet addiction.

Covers individuals and studies. Social worker says he "hasn't treated anyone for a tanning addiction. But if someone came to him for help, he said he would probe the body-image issues they have and find out what tanning does for them." May 21, 2007
http://www.suburbanchicagonews.com/napervillesun/lifestyles/395164,6_5_NA22_TANNING_S1.article

Save Your Skin: Cover Up in the Sun Now.

"Excessive and unprotected exposure to the sun's ultraviolet radiation, or UV light, is the primary risk factor for skin cancer," said Courtney Schoessow, Texas Cooperative Extension program specialist for health education and development." May 21, 2007
<http://agnews.tamu.edu/dailynews/stories/CFAM/May2107a.htm>

Simple advice prevents sunburns.

"If your shadow is shorter than you, try to find some shade. This shadow effect usually occurs between the hours of 10 a.m. and 4 p.m." May 17, 2007
<http://www.dailyevergreen.com/story/22624>

Four ways to achieve a summer glow.

Looks at self-tanners and tanning moisturizers, spray tanning, tanning beds, outdoor tanning. Does not mention possibility of damage to skin or of skin cancer from the last two. May 22, 2007
<http://media.www.thelantern.com/media/storage/paper333/news/2007/05/22/Arts/Four-Ways.To.Achieve.A.Summer.Glow-2906377.shtml>

Feeling the burn. Protect skin by wearing sunscreen.

"...[E]xperts are saying many sunbathers aren't prepared for their time beneath the hot summer rays." The Skin Cancer Foundation "recommends people with all skin types wear a sun lotion with a Sun Protection Factor, or SPF, of 15 or higher every day." Also, tanning beds as seen by doctors and salon owners. May 22, 2007
http://www.gwinnettdailyreport.com/index.php?s=&url_channel_id=43&url_article_id=28260&url_subchannel_id=&change_well_id=2

7 myths and truths about cellulite.

Tanning can worsen cellulite. May 17, 2007
<http://homemakers.com/homemakers/client/en/Health/DetailNews.asp?idNews=237668&idSm=197>

Tanworld adds two more locations.

"Tanworld, the largest tanning franchise in Iowa, now has 41 salons located in eight Midwest states." May 20, 2007
http://www.siouxcityjournal.com/articles/2007/05/20/news_business/local/8bed1cbc5fc21d00862572e000057afa.txt

Mostly on non-UV tanning

Sunless Tanning Industry Experiencing a Boom.

Over a few years, sales more than doubled, to \$62 million. Article says "massive increase" due to warnings about skin damage from UV exposure." (But please refer to first item in this roundup.) A concern "is that some persons who are using sunless tanners wrongly believe that the products also offer sun protection, which they do not." May 21, 2007
http://www.carefair.com/html/Sunless_Tanning_Industry_Experiencing_a_Boom_2221.html

Self-tanning lotions deliver safe glow.

"Should you apply sunscreen before or after you use a self-tan lotion? A: It doesn't matter whether you apply sunscreen before or after these moisturizers; the important thing is to use it [sunscreen]." May 21, 2007
http://www.connpost.com/style/ci_5948522

Sunless tanning -- You can still look like a doll.

"Do sunless tanning products protect consumers from the sun? Not all products do, according the Food and Drug Administration's Web site." May 18, 2007
http://www.postbulletin.com/newsmanager/templates/localnews_story.asp?z=31&a=294692

Healthy tans come from cans.

Both direct sun and tanning beds are becoming more closely linked to cancer, but there are alternatives. "If you're a really pale person, people heckle you...." May 18, 2008
<http://media.www.dailyemerald.com/media/storage/paper859/news/2007/05/18/News/Healthy.Tans.Come.From.Cans-2905263.shtml>

Now that's a tan.

"I've accused some of my best friends of tanning when really they've been spraying it on," from Dr. J. Johnson, with Avera Dermatology and Laser Center. "It looks that good." May 18, 2007
<http://www.argusleader.com/apps/pbcs.dll/article?AID=/20070518/LIFE/705180327/1004>

Sunscreen

Myth: Sunscreen Is All You Need To Prevent Skin Cancer.

"Don't sunbathe, indoors or outdoors. When you do go outdoors, wear a sunblock that protects against both UVA and UVB rays. If you're bald, wear a hat and if you absolutely have to be tan, try some of the new self-tanning products to get that 'golden glow'." May 20, 2007
<http://www.medicalnewstoday.com/medicalnews.php?newsid=71525>

Darker skin filters sun, but sunscreen still needed.

"Dark skin has higher amounts of melanin that can filter as much as twice the amount of ultraviolet radiation. But that protection still falls short of what doctors recommend when using sunscreen: a skin protection factor, or SPF, of 15 or more." May 19, 2007
<http://thechronicleherald.ca/Science/836325.html>

Wear Sun Block Even On Cloudy Days.

May 17, 2007
<http://www.fox28.com/News/index.php?ID=18594>

Other protective products

Less Sun a Better Bet than Sunscreens.

Dr. S. Lautenschlager of Zurich. "Sun worshippers won't want to hear it, but a new study says the best way to protect against cancer-causing ultraviolet rays is to avoid direct sunlight and wear protective clothing to keep exposure to a minimum. Sunscreens are a poor second choice, but they're better than nothing." May 18, 2007
<http://health.theledger.com/article/20070518/TOPSTORY/4483/-1/RSS2&source=RSS>

Clothing beats sunscreen.

From above study, "ideal protective garments are dry, dark and unbleached, tightly woven and thick, made of denim, wool, or a synthetic material such as polyester. Less effective are light-colored, loosely woven, thin fabrics such as cotton, linen, acetate, or rayon." May 22, 2007
http://www.chronicleonline.com/articles/2007/05/22/health_and_life/dr_gandhi/news05.txt

Season in the Sun.

On sunscreens and sunblock, and on a special program for construction workers building the new Peterson Regional Medical Center. May 17, 2007
<http://web.dailytimes.com/story.lasso?ewcd=fcdc2b29b9e84077>

How Well Can Clothing Protect You From The Sun?

The Good Housekeeping sponsored testing of UV labeled clothing mentioned in prior weeks. "You can also look for the Skin Cancer Foundation 'Seal of Recommendation.'" May 21, 2007
http://wcbstv.com/topstories/local_story_141170015.html

Special skin-cancer related events

North Shore support groups. 4th item.

(1) The Melanoma Foundation of New England hosts a melanoma support group on the second Tuesday of each month at the Beverly Hospital, Beverly. (2) North Shore Medical Center offers a melanoma support group the first Monday of every month at the Cancer Center, Peabody. May 21, 2007
http://www.salemnews.com/pulife/local_story_141120147

Health Briefs. Skin cancer screenings.

On May 29, St. Francis Hospital and Health Center in Blue Island will offer free skin cancer screenings. May 22, 2007
<http://www.dailysouthtown.com/lifestyles/393127,225LIF1.article>

Skin cancer screening tour at Va. Beach.

The National Skin Cancer Screening Tour comes to Virginia Beach on Thursday. May 23, 2007
<http://www.dailypress.com/news/local/dp-now-skinscreening,0,6791836.story?coll=dp-news-local-final>

Braille Institute offers free program in Escondido. 5th item.

Free melanoma open house, with melanoma experts, Thursday, UC San Diego Cancer Center, La Jolla. Can use the "DermaScan" skin assessment device to view sun damage to skin. May 19, 2007
<http://www.nctimes.com/articles/2007/05/20/health/51907113536.txt>

What's up? New, useful, fun. 2nd item.

"Use it: sunscreen kit.... Sephora, along with the Skin Cancer Foundation, is selling a sun safety kit, \$22, filled with travel-size sunscreens for the face, lips, eyes and body - in oil-free, waterproof and nongreasy formulas.... net profits from kit sales will benefit the Skin Cancer Foundation." May 21, 2007
<http://news.enquirer.com/apps/pbcs.dll/article?AID=/20070521/LIFE/705210304/1079>

Briefs. Class focuses on skin cancer.

"A class on how the sun affects skin, sunscreen ingredients and the signs of skin cancer is set for next Monday." Monday at Serenity Zone Skin Spa, Nevada City. Fee will go to the Melanoma Research Foundation. May 17, 2007
<http://www.theunion.com/article/20070517/NEWS/105170214>

Free cancer screening Saturday.

Water Works car wash on Wurzbach provides the men who work outside all day with free sunscreen. Also, Dr. R. Ghohestani of University of Texas will be "one of many specialists volunteering their time for a free screening Saturday at the Cancer Therapy and Research Center," with a full body exam. The free screening will be held Saturday at the CTRC on Wurzbach. May 19, 2007
<http://www.mysanantonio.com/news/metro/stories/MYSA051807.skincancer.KENS.82d71eb7.html>

Miscellaneous

Students get hands-on lesson in solar energy.

"Solar panels recently installed at Rogers Adventist School will educate students about renewable energy." Interesting sources of the school's funding for Sunwise (unrelated to EPA's Program) solar panels. May 18, 2007
http://www.union-bulletin.com/articles/2007/05/18/local_news/local02.txt

The Climate Change Scientist: Questions for Richard Somerville.

Richard C.J. Somerville, who contributed work to the UN Intergovernmental Panel on Climate Change. Issue of tipping points. "There's a lot of indications that the climate system is capable of moving in abrupt, sudden jerks. That it's not just going to react gradually as you push on it harder and harder. The analogy in recent past is the ozone hole, which wasn't predicted. What was predicted was that putting chemicals in the stratosphere that destroy ozone would lead to a gradual decrease in ozone. The ozone hole was a completely unexpected and serendipitous discovery." May 18, 2007
<http://www.voiceofsandiego.org/articles/2007/05/19/news/01richardsomerville051907.txt>

Cancer's orphans: Increasing survival rates for teens.

About 70,000 people between the ages of 15 and 39 in the United States are diagnosed with cancer each year. Their survival rates are not improving, in contrast to those who are younger or much older. To find out why: "About 10 hospitals across the U.S. have created special clinics or programs devoted to adolescents and young adults, the so-called AYAs." Attention will be paid to melanoma. May 22, 2007
<http://www.buffalonews.com/185/story/81386.html>

We apologize for the delay and any omissions or sloppy editing – we had to attend a mandatory conference this morning for 3 hours.

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Ilona Melstrads](#)
To:
Bcc: [Drusilla Hufford](#)
Subject: SunWise News Roundup October 22, 2008
Date: 10/22/2008 03:02 PM



News Roundup Wednesday October 22, 2008

Skin cancer prevention / awareness: events

Reducing indoor tanning

Focus on appearance helps indoor tanners cut down.

Study by Dr. J. Hillhouse of East Tenn. State suggests that "giving young indoor tanning enthusiasts the ugly truth about how ultraviolet light can affect their skin's appearance, as well as offering alternatives to the bronzed look, can help them to reduce their tanning bed use...." October 21, 2008

<http://www.reuters.com/article/healthNews/idUSTRE49K60G20081021>

Prospect of Wrinkles Is Enough to Put Young People Off Indoor Tanning.

"Female college students reduced their use of indoor tanning by more than 35% after receiving a booklet that highlighted prematurely aged withered skin as an effect of tanning and ultraviolet radiation exposure.... The 24-page booklet emphasized tanning abstinence and offered alternatives to improve appearance...." October 20, 2008

<http://www.medpagetoday.com/HematologyOncology/SkinCancer/11381>

Educational Materials Can Alter Young Women's Attitudes About Tanning, May Reduce Skin Cancer.

"The researchers included approximately 430 female university students aged 17 to 21 years, 200 of whom received a booklet on the effects of indoor tanning." October 20, 2008

<http://www.sciencedaily.com/releases/2008/10/081020093406.htm>

Educational materials can alter young women's attitudes about tanning, may reduce skin cancer.

"The study is published in the December 1, 2008 issue of CANCER, a peer-reviewed journal of the American Cancer Society." October 20, 2008

http://www.eurekalert.org/pub_releases/2008-10/acs-emc101508.php

YouTube: Tanning Beds Touted as Healthy.

Dermatologists concerned about findings by Dr. Hossler and Dr. Conroy in *Arch. of Dermatology*. Showed that "videos touting the benefits of roasting one's skin in a tanning bed outnumber those warning of ultraviolet dangers by nearly 3 to 1 on YouTube." October 20, 2008

<http://news.health.com/2008/10/20/youtube-tanning-beds-touted-as-healthy/>

Tanning legislation and controversies in U.S.A. and abroad

Tanning providers face new regulations.

In 2009 the NY state Health Department "plans to begin regulating operations that provide tanning services ... to make sure people are aware of the potential risks of tanning...." Public comments accepted "until mid-November." October 18, 2008

http://www.dailygazette.com/news/2008/oct/18/1018_tanning/

Tanning bed group opposes teenager ban.

Canadian tanning industry objects to Ontario bill 83 restricting teen tanning. Claims restrictions will increase sunburns. October 16, 2008

http://www.upi.com/Health_News/2008/10/16/Tanning_bed_group_opposes_teenager_ban/UPI-94701224166308/

JCTA Says Ontario Bill Would Hurt Teens, Not Help Them.

Joint Canadian Tanning Association claims indoor "tanners sunburn less than non-tanners, including teenagers who tan outdoors. Canada's indoor tanning facilities are at the forefront in teaching teenagers outdoor sunburn prevention, including the proper use of sunscreens to prevent sunburn." October 20, 2008

<http://www.lookingfit.com/hotnews/jcta-says-ontario-bill-would-hurt-teens.html>

Tanning Community: Ontario Bill Would Hurt Teens, Not Help Them.

October 16, 2008

<http://www.cnw.ca/fr/releases/archive/October2008/16/c6219.html>

SunSmart: Not So Smart?

"The Indoor Tanning Association NZ Inc (INTANZ) says it is 'extremely keen' to work together with SunSmart and The Cancer Society to improve public health outcomes for skin cancer." Tanning industry claims population deficient in vitamin D.. October 22, 2008

<http://www.scoop.co.nz/stories/BU0810/S00462.htm>

Other events in U.S.A. and abroad

Melanoma Survivor on Mission to Increase Awareness: Mark Rogan, CCMAC Board Member.

Mr. Rogan young when diagnosed with melanoma. "For the past eight years he has gone for CT Scans, PET Scans, chest X-rays ... at NYU every three to six months...." Now works with Colette Coyne Melanoma Awareness Campaign, in memory of 30-year melanoma victim. CCMAC's 10th Annual Gala Dinner Dance & Charity Auction on October 24. October 17, 2008

<http://www.antonnews.com/westburytimes/2008/10/17/news/>

Running Focus: This year's schedule winding down.

Still left is the Alan Sundberg 5K for the Florida Skin Cancer Foundation. "The 2008 race will be the 10th year that Bill Sundberg has watched this race go off in honor of his brother Alan who lost his life to skin cancer." October 22, 2008
<http://www.tallahassee.com/article/20081022/SPORTS/810220330/1002/SPORTS>

Sun Safety Champions Team Up With PGA Tour Pro Paula Creamer.

"Play Safe in the Sun Volunteers Mount Winning Effort to Fight Skin Cancer at PGA's Samsung World Championship Where Sun Safety Ambassador Paula Creamer Triumphs." Volunteers of the Women's Dermatologic Society in partnership with L'Oreal USA. October 17, 2008
<http://in.sys-con.com/node/713946>

Kayla Collier: Miss Florida Teen USA 2009 and Cancer Survivor.

"At age 16, the teen ... was diagnosed with skin cancer. Now at 18, she has not only beaten the disease, she is also an advocate for teen cancer prevention. Kayla plans to use her new Miss Florida Teen USA title to inform other young people about the dangers of excessive tanning..." October 17, 2008
<http://www.marketwatch.com/news/story/kayla-collier-miss-florida-teen/story.aspx?guid=%7BB6CFD380-D55A-4905-A5DE-700747E30DD1%7D&dist=hpr>

Skin cancer awareness

Fight cancer through looking glass.

"When it comes to melanoma, vanity may be a virtue. The most direct method for detecting this deadly skin cancer is to face a mirror, clothes off, and check for suspicious moles from head to toe" October 19, 2008
http://timesofindia.indiatimes.com/HealthSci/Fight_cancer_through_looking_glass/articleshow/3616188.cms

NZ Health Professionals Flock to Melanoma Summit.

In Wellington on November 14. October 21, 2008
<http://www.voxo.co.nz/national/nz-health-professionals-flock-melanoma-summit/5/4399>

Skin cancer data and risk

Men ignoring melanoma risks.

"A surgeon has warned that complacency is to blame for an increase in the number of Kiwis contracting life-threatening melanoma.... While most patients are European, Shaw's surveys show an increase in cases in all ethnic groups." October 19, 2008
http://www.nzherald.co.nz/health/news/article.cfm?c_id=204&objectid=10538276

'Atlas of death' bodes well for Sussex.

Univ. of Bristol and Sheffield "compiled data on almost 15 million deaths from 1981 to 2004 and mapped them according to age, location and cause." Although people "in Sussex live longer than in most other areas of the country.... county had higher levels of skin cancer compared with other parts of the country..." October 21, 2008
http://www.theargus.co.uk/news/3777362._Atlas_of_death_bodes_well_for_Sussex/

Rx for Readers. Second question.

Whether a particular form of UVB phototherapy safe for psoriasis. October 17, 2008
<http://www.jpost.com/servlet/Satellite?cid=1222017565768&pagename=JPost%2FJPArticle%2FShowFull>

UV, ozone layer

Angola: Ozone Layer Discussed at Sweden Workshop.

"Ozone layer protection, environmental technology, water quality ... are some of the topics being tackled at a course on management of hydric resources," reports Angolan attendee. October 16, 2008
<http://allafrica.com/stories/200810170031.html>

The knives come out for Dion.

Defeated Canadian Liberal party leader is remembered for his contribution to Montreal protocol earlier in his career as a cabinet minister. October 17, 2008
<http://www.canada.com/montrealgazette/news/story.html?id=0b37011d-93f6-4435-aa44-6b7d84666744>

[U.S.] EPA reaches agreement with Vesuvius on clean-air violations

"The agreement resolves EPA allegations that Vesuvius violated ... leak repair, testing and planning requirements for one of its industrial process refrigeration units that leaked excessive amounts of ozone-depleting refrigerant from August 2002 until September 2003." October 20, 2008
<http://www.exchangemagazine.com/morningpost/2008/week43/Monday/102009.html>

Puron Refrigerant from Carrier Offers Solution to R-22 Phase-Out.

"The year 2010 marks an important U.S. milestone for ozone protection with the phase out of R-22, an ozone depleting refrigerant used in some new air-conditioning systems for more than four decades." October 20, 2008
<http://www.webwire.com/ViewPressRel.asp?ald=77794>

EPA deadline looms for soil-fumigant comments. Agency open to suggestions on implementing rules.

The agency's new restrictions affect use of chloropicrin, methyl bromide and other products. Aimed at worker and community safety, but buffer zones may create problems for growers. October 16, 2008
<http://www.capitalpress.info/main.asp?SectionID=67&SubSectionID=782&ArticleID=45418&TM=69170.09>

Nigeria: A Case for Niger Delta Ministry.

The problems of the Niger Delta, including its history of gas flaring. Suggests the practice not only adversely affects the climate but also ozone layer. Does not mention any specific chemicals from gas flaring that would affect ozone layer. October 20, 2008
<http://allafrica.com/stories/200810200395.html>

Djelic, Rockefeller Brothers Fund delegation meet.

A topic discussed by Serbian official and Rockefeller Brothers Fund: Serbian policy on ozone layer protection. October 17, 2008
<http://www.emportal.co.yu/en/news/serbia/66010.html>

UV and eyes

Eye on Eye Health.

"The same UV rays that can harm your skin can also hurt your eyes. Always wear sunglasses, and make sure they say they have UV protection." October 18, 2008
<http://www.cbsnews.com/stories/2008/10/18/earlyshow/health/main4530717.shtml>

Winter and SAD

Is there any such thing as the winter blues? Experts shed new light on SAD condition.

Article seems to go from sublime to ridiculous. Scandinavian and Scottish skeptics doubt existence of SAD. A Univ. of London professor suggests people might go to tanning salons to get vitamin D. October 20, 2008
<http://www.dailymail.co.uk/health/article-1079245/Is-thing-winter-blues-Experts-shed-new-light-SAD-condition.html>

General biomedical and cancer research

Scientists Enhance Immune System Attacks on Cancer.

"The problem with cancer is that it becomes part of what the immune system identifies as 'self' and there are ways the body learns to tolerate 'self' to prevent immune attack," from Dr. L. Sherman of Scripps. Research studies from *Proc. of the National Academy of Sciences* October 21, 2008
<http://www.sciencedaily.com/releases/2008/10/081021185215.htm>

Evolution of Genes that Trigger the Body's Immune Response to Viral Infection.

Virginia Commonwealth Univ. researchers found evolutionary origin of a unique mechanism protecting against viral infection. The "melanoma differentiation associated gene-5 (MDA-5) and retinoic acid inducible gene-I (RIG-I) originated specifically in mammals. These genes induce the production of type I interferons." October 21, 2008
<http://www.sciencedaily.com/releases/2008/10/081021120951.htm>

Biological Drugs Not Without Risks.

Study in *J. of the Amer. Med. Association* shows that "biological drugs, especially the pioneering ones, may have safety issues that come to light after the drugs' approval." Also discusses reasons. "Many biological drugs work on the immune system, and immune system problems (such as greater infection risk) were the most common safety issues that drew regulatory action." October 21, 2008
<http://www.webmd.com/news/20081021/biologic-drugs-not-without-risks>

For many biological drugs, 'on the market' doesn't mean safe.

"Nearly one in four recently approved products in a relatively new class of medicines needed some type of regulatory action because of safety issues that arose after they came on the market...." October 21, 2008
http://www.usatoday.com/news/health/2008-10-22-biological-medicines-safety_N.htm

On new skin cancer research

T Cell Response To New Melanoma Antigen Linked To Relapse-free Survival.

"The French team, lead by Dr. Nathalie Labarriere, studied the infused cells from 30 stage III melanoma patients who had received adoptive immunotherapy between 1994 and 1998. Among the cells taken from a patient who has remained tumor-free for more than a decade, they found naturally-arising T cells that recognized a new protein, which they dubbed "meloe-1." October 22, 2008
<http://www.sciencedaily.com/releases/2008/10/081020093400.htm>

T cell response to new melanoma antigen linked to relapse-free survival

Above study. "Melanoma patients infused with a special type of tumor-fighting T cell are more likely to survive without relapse...." Online on October 20 in the *J. of Experimental Medicine*. October 20, 2008
http://www.eurekalert.org/pub_releases/2008-10/rup-tcr100908.php

Cancer-Fighting Cells Discovered.

Above study. "Adoptive immunotherapy is a treatment option for patients with late-stage melanoma. It involves removing natural cancer-fighting T cells from a tumor and placing them in culture dishes to multiply. The T cells are then injected back into the patient to fight the tumor." October 20, 2008
http://www.ivanhoe.com/channels/p_channelstory.cfm?storyid=19951

Chronic inflammation can help nurture skin cancer, study shows.

Dr. A. Mellor of Medical College of Georgia and Drs. Prendergast and Muller of Lankenau Institute show what while the inflammation response should help prevent tumors, "an enzyme that works like a firefighter to keep inflammation under control, can be commandeered to protect early malignant cells...." The enzyme IDO "favors the tumor: The immune system basically sits back and watches the tumor grow...." October 21, 2008
<http://www.genengnews.com/news/bnitem.aspx?name=43918241>

Additional recent articles on skin cancer items listed in earlier roundups

Vitamin D receptor gene linked to risk for melanoma.

October 22, 2008

<http://www.hemonctoday.com/article.aspx?rid=32150>

Skin cancer detection and treatment

Failure to Diagnose Cancer.

Melanoma is one example of a cancer that responds "especially well to early treatment and diagnosis in most cases." Brief note on what an exam should cover – says exam should include oral cavity. Article is from a law firm specializing in medical negligence cases. October 21, 2008

<http://www.bestsyndication.com/?q=node/18536>

Cancer patient joins the fight for scanner.

Businessman "has joined doctors, politicians and community members in the campaign to get a PET/CT scanner for the Northern Rivers.... For melanoma there is no blood test available, so you need a PET scan...." October 21, 2008

<http://www.northernstar.com.au/story/2008/10/22/cancer-patient-joins-the-fight-for-scanner/>

Industry, economics

Hospital using electricity to fight cancer.

"Bridgeport Hospital is ... participating in an international trial of a novel cancer therapy that kills tumor cells with low levels of electricity.... The study, in the U.S. and Europe, is being financed by NovoCure, a privately held company founded by an Israeli professor in 2000." Could be potentially useful for melanoma. October 22, 2008

<http://www.nhregister.com/articles/2008/10/22/news/a3-electumor.txt>

Peplin's acquisition of Neosil complete.

Total cash "will be sufficient to fund completion of the ongoing Phase III testing of Peplin's lead product, PEP005 (ingenol mebutate) Gel for actinic keratosis (AK)...." October 20, 2008

<http://www.pharmalive.com/News/index.cfm?articleid=578529&categoryid=54>

Research and Markets: Currently Druggable in Melanoma: a Drug Target Competitive Analysis Reports on 94 Unique Drug Target Combinations.

"... [F]or you to identify your competition and understand which targeting strategies are at work within melanoma drug development." October 16, 2008

<http://www.marketwatch.com/news/story/research-markets-currently-druggable-melanoma/story.aspx?guid=%7B793949B7-7877-4DA7-B494-7E4243C88E0B%7D&dist=hppr>

Cause marketing matters to consumers

Customers "want to know that you share their desire to make the world a better place by supporting an important cause." Money not enough - work needed. Also, select a cause that relates to your company, as P&G did in joining Amer. Society for Dermatologic Surgery to help women protect skin from sun. October 20, 2008

<http://www.msnbc.msn.com/id/27280623/>

Articles focused on individuals

Hwang Appointed Chairman of Dermatology at The Medical College of Wisconsin.

Sam T. Hwang, M.D., Ph.D. is "an internationally recognized researcher in skin cancer biology...." October 18, 2008

<http://www.wauwatosanow.com/story/index.aspx?id=807539>

Reinhart undergoes treatment.

President of St. John's University is treated at Mayo Clinic for stage 4 melanoma. October 16, 2008

<http://www.users.csbsju.edu/record/2008/10/reinhart-undergoes-treatment/>

President of St. John's University retiring.

October 16, 2008

http://minnesota.publicradio.org/display/web/2008/10/16/sju_president/

Veteran Radio Newsman Keeps Info Flowing From Home Studio Despite Cancer Fight.

What exactly Charlie Stuchell does daily as a radio newsman, now that his melanoma has spread. October 19, 2008

http://www.tricities.com/tri/news/local/article/veteran_radio_newsman_keeps_info_flowng_from_home_studio_despite_cancer_fi/15236/

Troy man hit by melanoma to bike to raise money.

"Fred Synk is still a triathlete. A recurrence of melanoma and surgery to treat it this summer only sidelined him temporarily from competitions...." To raise money for melanoma research, goes on a "325-mile ride ... from Pittsburgh to Cumberland, Md...." October 21, 2008

<http://www.freep.com/apps/pbcs.dll/article?AID=/20081021/NEWS01/810210383>

Sunbed 'addict' who loved tanning dies of skin cancer aged 44

"The desperate quest for a perfect tan cost hairdresser Dorne Graydon her life." Began tanning at 17 and could not stop. October 19, 2008

<http://www.mirror.co.uk/news/top-stories/2008/10/19/sunbed-addict-who-loved-tanning-dies-of-skin-cancer-aged-44-115875-20820310/>

Mum's death from sunbed use sparks family warning.

October 18, 2008

<http://www.chroniclive.co.uk/north-east-news/todays-evening-chronicle/2008/10/18/mum-s-death-from-sunbed-use-sparks-family-warning-72703-22063918/>

Fulton church will host benefit for Nears.

An Iowa church member has been diagnosed with melanoma and is being treated at Mayo Clinic. October 16, 2008
http://www.clintonherald.com/local/local_story_290102835.html

Bowden Treated For Skin Cancer.

"The Nats GM learned he had skin cancer in June, but he elected to delay treatment until the end of the season -- a decision he now regrets. The good news is, doctors believe they've removed all cancerous growth." October 21, 2008
http://voices.washingtonpost.com/nationaljournal/2008/10/bowden_treated_for_skin_cancer.html

Bowden feeling good after cancer scare.

"A biopsy revealed squamous cell carcinoma. According to the Memorial Sloan-Kettering Cancer Center, the disease is the second most common form of skin cancer, accounting for about 20 percent of skin cancers in the U.S." October 21, 2008
http://m.b.mlb.com/news/article.jsp?ymd=20081021&content_id=3635940&vkey=news_mlb&fext=.jsp&c_id=m_b

Pals pitching in for Josh.

Friends reconstitute their teenage football [soccer] team after 20 years to support a pal [aged 37] suffering from incurable skin cancer." No moles – just pain in his back and arm. Melanoma diagnosed after everything else ruled out. October 22, 2008
<http://www.thestar.co.uk/news/Pals-pitching-in-for-Josh.4613468.jp>

A Lifetime of Community Service.

Former city Commissioner, who died at 49 of choroidal melanoma, "was remembered last week by friends, family and colleagues as a leader who had a lifetime of community service." October 22, 2008
<http://plantcity2.tbo.com/content/2008/oct/22/pc-a-lifetime-of-community-service/>

Running for my life: 1 woman's race against time.

Repeat of well-written article that first appeared last week. October 18, 2008
<http://www.ihf.com/articles/ap/2008/10/18/america/Running-for-My-Life.php>

Heather Van Nest, Anchor.

Ms. Van Nest writes about herself in third person. She received "an Edward R. Murrow Award for 'Risky Rays: Don't Get Burned,' a news documentary on skin cancer. The American Academy of Dermatology also recognized her efforts on preventing and detecting skin cancer with a national Gold Triangle Award." October 20, 2008
<http://www.tampabay10.com/news/mostpop/story.aspx?storyid=27632&provider=top>

Vitamin D – benefits and sources

How Much Sun Does It Take to Make Vitamin D?

Why pregnant women and breastfeeding moms cannot just increase their own Vitamin D intake, rather than give supplements to babies, and other questions answered. "The Norwegian Institute for Research has an online calculator to help you figure out if there's enough sunlight for you to start synthesizing Vitamin D at a particular location." October 17, 2008
<http://www.usnews.com/blogs/on-parenting/2008/10/17/how-much-sun-does-it-take-to-make-vitamin-d.html>

Double dose of vitamin D for kids.

On the new recommendations from pediatricians. Ends by saying sunlight best source. This is not quite what pediatricians said. October 19, 2008
<http://abclocal.go.com/kabc/story?section=news/health&id=6457478>

Parkinson's disease 'affected by vitamin D.'

"Scientists found that lower blood levels of the vitamin were more common in people with Parkinson's than healthy individuals. But whether vitamin D deficiency was a cause of Parkinson's or resulted from it still had to be determined..... [T]he link between Parkinson's and vitamin D could arise because of the poor mobility of elderly patients." October 20, 2008
<http://www.chroniclive.co.uk/lifestyle/2008/10/20/parkinson-s-disease-affected-by-vitamin-d-72703-22060992/>

Oral Vitamin D May Help Prevent Skin Infections by Inducing Cathelicidin Production.

October 20, 2008
<http://www.medinewsdirect.com/?p=594>

Shadowy deficiency.

Discusses differing recommendations for vitamin D. October 21, 2008
<http://www.canada.com/topics/bodyandhealth/story.html?id=4a3db4b5-8a90-40c3-8697-1374139803e3>

Monthly vitamin D supplement safe and effective.

"A single high dose of vitamin D given every four weeks is as safe as smaller daily or weekly doses, and is as effective in achieving adequate circulating levels of the vitamin, according to a study conducted in Israel." Can choose dose to "optimize an individual's adherence...." October 21, 2008
<http://www.reuters.com/article/healthNews/idUSTRE49K7W720081021>

Achieving recommended amounts of Vitamin D.

Explains why your child may already be close to getting the newly-recommended 400 IU's per day. October 16, 2008
<http://www.examiner.com/x-989-Atlanta-Holistic-Parenting-Examiner~y2008m10d16-Achieving-recommended-amounts-of-Vitamin-D>

Chicago Physician Dr. Mayer Eisenstein Agrees That Children Need More Vitamin D, But He Says 10 Times More than Previous.

Instead of 400 IU, need at least 2,000, based on research at Amer. Univ. of Beirut. October 17, 2008
<http://www.expertclick.com/NewsReleaseWire/default.cfm?Action=ReleaseDetail&ID=23612>

Yoplait(R) Yogurt is the Only Leading Yogurt with Vitamin D and Calcium in Every Cup.

Yoplait and recent studies on need for vitamin D supplementation. October 21, 2008
<http://www.tradingmarkets.com/.site/news/Stock%20News/1957740/>

Tanning – UV and non-UV

Photodynamic Therapy May Improve Appearance of Aging Skin.

October *Archives of Dermatology*. "The deleterious effects of exposure of the skin to [ultraviolet] irradiation are well established," from Dr. J. S. Orringer of Univ. of Michigan. Team studied 25 adults with skin damage and reports technical findings of change from PDT.
October 20, 2008
<http://www.medscape.com/viewarticle/582292>

Forever Tan to Sponsor Southeast Tanning Expo in Orlando.

October 18, 2008
<http://www.prweb.com/releases/2008/10/prweb1485344.htm>

Biddiscombe International Releases Organic Sunless Solutions for VersaSpa® Tanning Booths.

Spray tan products for use in VersaSpa tanning booths. October 19, 2008
<http://www.prweb.com/releases/2008/10/prweb1489454.htm>

Sunscreen

What does SPF mean on my sunscreen?

"SPF refers to how long a person can stay in the sun before getting a sunburn." October 20, 2008
http://www.dailybreeze.com/lifeandculture/ci_10762980

Tips to help parents keep kids safe this Halloween.

In Florida, "don't forget to apply sun block to any exposed skin if they are going to be out in the sun for a long period of time." October 16, 2008
<http://www.examiner.com/x-1094-Miami-Parenting-Resources-Examiner-y2008m10d15-Tips-to-help-parents-keep-kids-safe-this-Halloween>

Author has dark view of chocolate claims. Near the end of an article on many items.

The Healthy Skeptic again: "Sunscreen should not be a first defense." Avoid sun, wear protective clothing. October 21, 2001
<http://www.miamiherald.com/living/story/734261.html>

Pay lip service to nasty cold sores.

"The triggers that cause cold sores vary from person to person.... If you know them, try to avoid your triggers. For example, a sun block lip balm (SPF 15-plus) may help to prevent cold sores triggered by bright sunlight." October 20, 2008
<http://www.independent.ie/health/pay-lip-service-to-nasty-cold-sores-1503535.html>

Other protective products

Coolibar Products Earn Continued Endorsement from Skin Cancer Foundation.

"Coolibar's entire product line received the Foundation's recommendation after rigorous independent testing affirmed each product's 50+ ultraviolet protection factor rating." October 21, 2008
<http://www.marketwatch.com/news/story/coolibar-products-earn-continued-endorsement/story.aspx?guid=%7B979DDE62-C8C6-418F-BE27-815396C5566D%7D&dist=hppr>

4th Annual Focus on Leukemia, Lymphoma & Myeloma Conference.

"Colleen Dougherty Bronstein, a malignant melanoma survivor and artist, has launched site 'Sun Safe Designer Clothing,' and has teamed up with the Abramson Cancer Center of the University of Pennsylvania as an advocate for sun safe awareness." October 21, 2008
http://pr-canada.net/index.php?option=com_content&task=view&id=56117&Itemid=61

Fashion garment pieces with ultraviolet rays protection factor

"View the designs of swimwear clothing I have created using UPF 50+ fabric from Australia." October 20, 2008
http://www.fibre2fashion.com/news/fashion-news/newsdetails.aspx?news_id=64959

US sportswear brand highlights sun protective clothing.

Columbia Sportswear Company selling its Omni-Shade technology apparel in the Philippines. October 17, 2008
<http://www.abs-cbnnews.com/lifestyle/10/16/08/columbia-sportswear-highlights-its-sun-protective-apparel>

Urunga's purple patch.

Ebullient article on all kinds of Australians attending a 2-day event sponsored by New South Wales Cancer Council. "We intend to make sure child care centres and schools are sun safe and we're encouraging everyone to be aware of the changes in their skin that could be signs of cancer." Gave portable sun shade marquee to community. October 21, 2008
<http://bellingen.yourguide.com.au/news/local/news/general/urungas-purple-patch/1339285.aspx>

Special skin-cancer related events

North Shore Support Groups. A quarter-page down to MELANOMA SUPPORT.

(1) The Melanoma Foundation of New England hosts a melanoma support group the second Tuesday of each month at Beverly

Hospital (2) North Shore Medical Center offers a melanoma support group the first Monday of every month at the Cancer Center, Peabody. October 17, 2008
http://www.salemnews.com/pulife/local_story_291004359.html?keyword=secondarystory

Tennis hero Pat Rafter aced by nippers [Australian for kids].

"About 300 nippers joined the former tennis star on a perfect 25C Sydney day to form a huge human message 'Sun, Safe, Fun' ahead of what is predicted to be one of Australia's hottest summers." October 19, 2008
<http://www.news.com.au/dailytelegraph/story/0,22049,24519969-5006009,00.html>

Neighbors Briefs. Last item. Get screened for skin cancer Sat.

South Jersey Healthcare Cancer Services and Dr. Warmuth to provide free skin cancer screenings at SJH Elmer Hospital. October 22, 2008
<http://www.thedailyjournal.com/article/20081022/LOCAL01/810220304>

Health & Fitness Calendar. Half-way down page.

Free Skin Cancer Screening Tour Thursday and Friday at Rite Aid. Part of The Skin Cancer Foundation's "Road to Healthy Skin Tour." Local board-certified dermatologists offer full-body skin cancer screenings. Memphis, TN website. October 20, 2008
<http://www.commercialappeal.com/news/2008/oct/20/on-the-run/>

Experts offer health advice, screenings to local women.

Video on skin cancer and weight control from Saturday event at Loyola Center in Chicago that included skin cancer screenings. Title of article in middle of page, after video screen. October 21, 2008
<http://news.medill.northwestern.edu/chicago/news.aspx?id=101219>

Entertainment Industries Council Links Addiction and Treatment Experts With Creators and Performers for Authentic and Powerful Storytelling.

"The EIC philosophy is that accurate entertainment leads to more authentic, engaging and powerful entertainment." EIC addresses numerous issues, including sun safety and skin cancer prevention. October 17, 2008
<http://newswire.ascribe.org/cgi-bin/behold.pl?ascribeid=20081017.134054&time=14%2018%20PDT&year=2008&public=0>

Safety Day event set for Saturday.

Progressive Agriculture Safety Day on Saturday, dealing with most safety issues, including sun safety. October 16, 2008
http://www.palestineherald.com/local/local_story_290050946.html

Miscellaneous

Many Holes in Disclosure of Nominees' Health.

Dr. Altman argues that since 1972 we have enjoyed the modern, relatively open approach to disclosing medical information about the health of Presidential and Vice Presidential candidates, but that in this election we have regressed to earlier secretive times. Discusses all 4 of the candidates from the two major parties, although most is on Sen. McCain's melanomas. October 20, 2008
http://www.gainesville.com/article/20081020/ZNYT04/810203006/1006/NEWS?Title=Many_Holes_in_Disclosure_of_Nominees__x2019__Health

Obama, McCain stiff voters on health facts.

Agrees with Dr. Altman on lack of information. "Why aren't the medical records of the presidential and vice presidential candidates an open book?" October 20, 2008
http://www.swamppolitics.com/news/politics/blog/2008/10/obama_mccain_health_histories.html

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Ilona Melstrade](#)
To:
Cc: [Druis Ila Hufford](#)
Subject: SunWise News Roundup October 29, 2008
Date: 10/29/2008 02:49 PM



News Roundup Wednesday October 29, 2008

Skin cancer prevention / awareness events

GCTA Presents Check To Mollie's Fund

Mollie Biggane Melanoma Foundation provided 150,000 English brochures to colleges, health fairs, athletic events, and doctors' offices on skin cancer awareness. The brochure, "Have You Checked Your Skin Lately?" was also translated into Spanish as a resource for the Latino community. October 24, 2008
http://www.gcnnews.com/news/2008/1024/Front_page/002.html

Donohoe race another success.

Large turnout for second Mike Donohoe Memorial 5K Run/Walk for Melanoma. Raised \$35,300 for Melanoma Foundation. October 23, 2008
<http://www.wickedlocal.com/georgetown/news/x270977705/Donohoe-race-another-success>

Locals walk, run in variety of events.

Atlanta 3-Day Breast Cancer Walk; "the 10th edition of the Alan Sundberg 5K" for the Florida Skin Cancer Foundation. October 29, 2008
<http://www.tallahassee.com/article/20081029/SPORTS/810290330/1002/SPORTS>

45-Day Comment Period for Proposed New York Tanning Regs.

"You can write or e-mail comments or concerns by Nov. 24." October 24, 2008
<http://www.lookingfit.com/hotnews/45-day-comment-period-proposed-new-york-regs.html>

Skin Patients Unite Virtually to Talk, Learn, Share and Be Heard.

Canadians now have a "forum to find information, help, support and advocacy on the Canadian Skin Patient Alliance (CSPA) web site." Members of the public can "send a letter expressing their concerns directly to their elected official." Focus in article may seem to be on such conditions as psoriasis, but we assume skin cancers not excluded. October 28, 2008
<http://www.newswire.ca/en/releases/archive/October2008/28/c9993.html>

72 YouTube Videos about Tanning: Only 17 Are Negative.

Tanning industry website describes the study in the Archives of Dermatology whose findings cause concern among dermatologists. October 23, 2008
<http://www.lookingfit.com/hotnews/72-youtube-tanning-videos-only-17-negative.html>

Indoor Tanning Association Touts Anti-Cancer Benefits of UV Therapy.

Some dermatologists' reactions to the recent campaign of The Indoor Tanning Association to promote UV exposure for vitamin D. October 23, 2008
<http://www.naturalnews.com/024582.html>

Differing cancer views makes alliance [in New Zealand] unlikely.

"The Cancer Society is accusing the indoor tanning industry of being very selective with its facts on skin cancer. The Indoor Tanning Association wants to work with the society and the organization Sun Smart to improve public health outcomes for skin cancer, but there are several sticking points between the parties." October 29, 2008
<http://www.newstalkzb.co.nz/newsdetail1.asp?storyID=147017>

Skin cancer awareness

Looking at skin cancer: What you need to know.

Video with NZ physician whose enthusiasm for teaching the subject grows on one. Any change in skin: "show it to your doc." The trick with sunscreen is you need to reapply it. Tanning? No, no, no. October 27, 2008
<http://www.3news.co.nz/Video/Lifestyle/tabid/372/articleID/77341/cat/58/Default.aspx#video>

If I Had - Melanoma - Dr. Joel Claveau, MD, FRCPC, Centre hospitalier universitaire de Québec.

Video with dermatologist at conference of the Canadian Dermatology Assoc. in Montreal on melanoma. October 22, 2008
http://www.insidermedicine.ca/archives/If_I_Had_Melanoma_Dr_Joel_Claveau_MD_FRCPC_Centre_hospitalier_universitaire_de_Quebec_Hotel_Dieu_de_Quebec_2948.aspx

Protect skin, no matter the season.

"The radiation from UV rays causes mutations in the cells of your skin. Under normal circumstances, your immune system will take care of those cells before they become cancer. But in the case of skin cancer too many are altered." October 27, 2008
<http://www.news-leader.com/article/20081027/LIFE04/810270335>

Winter rays pose danger.

"The results of a 2007 survey by the American Academy of Dermatology suggest that Chicago residents need to brush up on their sun safety knowledge. More than 40 percent of the Chicago residents surveyed believe that the city's climate, especially its short summers, limits the dangerous effects of sun exposure." October 28, 2008
<http://www.southtownstar.com/lifestyles/1244456,102808wellness.article>

Ask Dr. Oz: 12 Medical Mysteries, Solved in Seconds.

"We used to think you got most of your UV exposure before age 18. Now we know it's more like 25 percent." October 27, 2008
<http://www.esquire.com/features/ask-dr-oz/dr-oz-lightning-round-1108>

Skin cancer data and risk

Fact of Fiction: Is Oregon Killing You?

Examines "several killers alleged to hit Oregon especially hard." High skin cancer rates confirmed. Explains why Oregon's "cloudy weather may actually be part of the problem." October 29, 2008
http://www.oregonlive.com/health/index.ssf/2008/10/fact_or_fiction_is_oregon_kill.html

One hundred Scots a day will be hit by cancer.

Updates by 4% prior predictions for incidence between 2016 and 2020. "All cancers are predicted to increase – including those affecting younger people such as skin cancer, Hodgkin's lymphoma." How health authorities to deal with issues. October 26, 2008
<http://news.scotsman.com/health/One-hundred-Scots-a-day.4630858.jp>

60,000 Nigerian Albinos Have Severe Skin Cancer.'

October 24, 2008
<http://www.tribune.com.ng/25102008/news/news8.html>

UV, ozone layer

New Dangers for the Ozone Layer.

Two greenhouse gases whose prevalence has been rising recently are also bad for the ozone layer. October 25, 2008
http://www.efluxmedia.com/news_New_Dangers_For_The_Ozone_Layer_27436.html

President Mori Addresses 63rd UNGA.

The President of the Federated States of Micronesia "called for fast-track mitigation strategies to protect the climate and the ozone layer, such as strengthening the Montreal Protocol on ozone depletion." October 27, 2008
<http://www.fsmgov.org/press/nw092508.htm>

GE Opening a Door to a Future of Cleaner Home Refrigeration

Seeks EPA approval to use isobutane under the Significant New Alternatives Policy program "which evaluates alternatives to substances being phased out under the Clean Air Act for protection of the stratospheric ozone layer." D. Hufford of EPA welcomes GE's decision to apply for review. If review favorable, "this could be part of the next important step in the market's transition to more environmentally friendly refrigerants." October 28, 2008
<http://www.marketwatch.com/news/story/GE-Opening-a-Door-a/story.aspx?guid=%7B151CEE01-EC50-4163-ACCF-EA1C10C0185F%7D>

Organic strawberries a hard sell at times.

California farmers will plant 31,000 acres of strawberries, but only "1,200 to 1,500 acres will be grown without chemical pesticides ." Discusses attempts to find alternatives to methyl bromide and reasons for the higher prices of organic produce. October 25, 2008
<http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2008/10/24/HOOS13D5F6 DTL>

New inhalers come with learning curve.

Higher cost and other issues; where to get help. October 23, 2008
<http://www.courier-journal.com/article/20081023/FEATURES03/810230310>

There's human interaction between photographer Anthony Lepore and subjects.

On a photographer's exhibit. Story mentions increased skin cancer in primates in Australian and New Zealand zoos because of the deteriorated ozone layer. Skin cancer surgery on a primate photographed. October 25, 2008
<http://www.kansascity.com/entertainment/story/854949.html>

UV and eyes

Protect your eyes — and yourself — on the slopes.

"Broad-spectrum UV protection is a must ... protecting your eyes from the sun's damaging rays that reflect off the snow." October 24, 2008
http://www.steamboatpilot.com/news/2008/oct/25/protect_your_eyes_and_yourself_slopes/

Importance of eye tests stressed after cancer scare.

Melanoma of the eye. "If Maureen did not have regular eye examinations, the tumor would have grown and the eye may have been severely damaged." October 29, 2008
http://www.getsurrey.co.uk/business/s/2038239_importance_of_eye_tests_stressed_after_cancer_scare

General biomedical and cancer research

Stanford breaks ground on largest U.S. stem cell center.

"It will serve as a hub for work that is now spread across campus, partly due to federal restrictions on the promising but controversial subfield of human embryonic stem cell research . Business Wire founder Lorry Lokey pledged another \$75 million for the building. The university and other private donors will fund the remainder ." October 27, 2008
http://www.mercurynews.com/peninsula/ci_10834865

Stem Cells: Science Fiction Becomes Science Reality.

"There have been two big problems with harnessing embryonic stem cells to treat disease." Solved? October 27, 2008
<http://www.gather.com/viewArticle.jsp?articleId=281474977490119&grpid=3659174697246155&nav=Groupspace>

To Russia, with hope of a miracle cure.

Bone marrow transplants "that use adult stem cell technology to treat cancers such as leukemia and lymphoma" approved in US for about 40 years. But FDA "has yet to approve embryonic or adult stem cell injections to treat other disorders. The FDA allows stem cell clinical trials involving humans, but the research is carefully controlled ." Not so in many countries in whose clinics people spend a lot of money for unverifiable results. October 27, 2008
http://www.chicagotribune.com/news/nationworld/chi-russia-stemcells3_rodriguezoct28,0,3453282.story

Utah cancer institute leads U.S. in cutting-edge cancer research.

Mentions the 12-million name database from "The Church of Jesus Christ of Latter-day Saints for studying the BRCA-1 and BRCA-2 genes" associated with breast cancer and other cancers. October 28, 2008
<http://www.heraldextra.com/content/view/286085/3/>

On new skin cancer research

Researchers Engineer Viruses to Target Only Cancer Cells.

Dr. S. Russell et al. of Mayo Clinic show "that the microRNAs destabilize the virus's genome, making it impossible for the virus to run amok . [A] new tool for molecular medicine that should also help allay concern over the use of viruses as a therapeutic delivery system ." Mice cured of melanoma. October 29, 2008
<http://www.medindia.net/news/Researchers-Engineer-Viruses-to-Target-Only-Cancer-Cells-43454-1.htm>

Nanoparticles target multiple cancer genes, shrink tumors more effectively.

From Dr. G. Robertson et al. of Penn State. Nano-particles "filled with small interfering RNA (siRNA) molecules targeting two genes that trigger melanoma can inhibit the development of melanoma ." The genes are B-Raf and Akt-3. October 27, 2008
<http://www.news-medical.net/?id=42181>

Adjuvant therapy of melanoma with interferon: lessons of the past decade.

There is "evidence that adjuvant IFNalpha2 significantly reduces the risk of relapse and mortality of high-risk melanoma, albeit with a relatively small absolute improvement in survival in the overall population." October 27, 2008
http://7thspace.com/headlines/296285/adjuvant_therapy_of_melanoma_with_interferon_lessons_of_the_past_decade.html

Additional recent articles on skin cancer items listed in earlier roundups

Non-melanoma Skin Cancer Linked to Risk of Other Cancers.

Dr. A. J. Alberg's study. October 23, 2008
http://www.cancer.org/docroot/NWS/content/NWS_1_1x_Non-melanoma_Skin_Cancer_May_Raise_Risk_of_Other_Cancers.asp

Skin cancer detection and treatment

Photodynamic Therapy in the Treatment of Nonmelanoma Skin Cancers.

Review of what FDA approved for actinic keratoses; current use of PDT for "the treatment of superficial basal cell carcinomas (sBCC), Bowen disease (SCCIS), and occasionally nodular basal cell carcinomas (nBCC);" international consensus guidelines and their shortcomings; the limited studies of action of PDT in vivo. October 24, 2008
<http://www.medscape.com/viewarticle/582461>

Melanoma in-situ arising in seborrheic keratosis: a case report.

A melanoma arising in a seborrheic keratosis [common by itself] is distinctly rare." But could be serious if missed. Do not remove the keratosis without having a pathologist determine its status. October 23, 2008
http://7thspace.com/headlines/295982/melanoma_in_situ_arising_in_seborrheic_keratosis_a_case_report.html

Nipping skin cancer in the bud.

How MoleMed works. October 29 2008
<http://www.ashburtonguardian.co.nz/index.asp?articleid=12235>

Chest CT Recommended for Detecting Lung Metastasis in Head and Neck Cancer.

"Computed tomography (CT) scanning is highly accurate in detecting pulmonary metastases that occur in patients with head and neck squamous cell carcinoma ." October 24, 2008
<http://www.medscape.com/viewarticle/582491>

Donald L. Morton: Looking for a Better Way.

Discusses sentinel lymph node biopsy developed in the 1970s by Dr. Morton. October 25, 2008
http://www.curetoday.com/index.cfm/fuseaction/article.show/id/2/article_id/454

Group offering chemo in Fort Morgan.

Colorado Plains Medical Center and its services. Informal, mostly on value of genetic testing, and for people at risk for melanoma, need to limit sun exposure. October 27, 2008
<http://www.fortmorgantimes.com/news/2008/oct/27/group-offering-chemo-fort-morgan/>

Timeline: Milestones in Cancer Treatment.

"The current options for treating cancer were built upon successes of the past." Milestone summary from 1882 to 1991, when the first "human gene therapy for cancer [melanoma] is attempted." October 25, 2008
http://www.curetoday.com/index.cfm/fuseaction/article.show/id/2/article_id/631

Assessment of a new questionnaire for self-reported sun sensitivity in an occupational skin cancer screening program.

Validates an instrument for categorizing sun sensitivity of skin, a risk factor for skin cancers. In BMC Dermatology 2008. October 24, 2008
http://7thspace.com/headlines/296079/assessment_of_a_new_questionnaire_for_self_reported_sun_sensitivity_in_an_occupational_skin_cancer_screening_program.html

Funding for cancer scan left in limbo.

Australian evidence that 50+% of "patients with advanced cancer have their treatment plans altered after undergoing a sophisticated form of body scan." PET scanning could prevent "futile surgery." October 26, 2008
<http://www.smh.com.au/news/national/funding-for-cancer-scan-left-in-limbo/2008/10/26/1224955854989.html>

The population-based oncological health care study OVIS - Recruitment of the patients and analysis of the non-participants.

A methodological study on usefulness of German cancer registry data. October 27, 2008
http://7thspace.com/headlines/296200/the_population_based_oncological_health_care_study_ovis_recruitment_of_the_patients_and_analysis_of_the_non_participants.html

Immunoembolization safe, promising for liver metastases from uveal melanoma.

"Uveal melanoma can be effectively treated, but once it metastasizes to the liver, survival can be less than six months." October 27, 2008
<http://www.medicexchange.com/Abdominal-Pelvic/news.aspx/15215/Immunoembolization-safe--promising-for-liver-metastases-from-uveal-melanoma->

Industry, economics

Clean, safe vaccine booster created.

Investigators at Industrial Research Limited in Wellington, NZ hope to develop a synthetic booster without the usual problems. Pre-clinical testing with models of melanoma. October 29, 2008
<http://www.sciencealert.com.au/news/20083010-18376-2.html>

Viralytics Secures Key EU Patent.

Lead product covered by patent "is currently undergoing two phase I mono-therapy trials in patients with late stage melanoma, breast and prostate cancer ." October 24, 2008
<http://www.medadnews.com/News/Index.cfm?articleid=579964>

Key Data Presented for Gemin X Programs at the 20th Annual ENA Symposium.

Gemin X Pharmaceuticals says studies of GMX1777 important as their research program progresses to treat melanoma. October 24, 2008
<http://www.marketwatch.com/news/story/key-data-presented-gemin-x/story.aspx?guid=%7B05FA3851-6B6C-4A17-ADF3-D357DB00A7D2%7D&dist=hprr>

Exelixis Reports Positive Phase 1 Data for XL281 at EORTC-NCI-AACR Symposium. Inhibitor of RAF Kinases Shows Early Signs of Clinical Activity.

29 patients, 4 with melanoma. October 23, 2008
<http://www.marketwatch.com/news/story/Exelixis-Reports-Positive-Phase-1/story.aspx?guid=%7B1A10ED57-DAB1-4C53-883A-5C153FA3A989%7D>

CuraGen to Host Conference Call and Webcast to Discuss Third Quarter 2008 Financial Results and CR011-vcMMAE Phase II Trial Results on November 3, 2008

For treatment of advanced melanoma. October 29, 2008
<http://br.sys-con.com/node/727541>

Pain Therapeutics Announces Third Quarter 2008 Financial Results.

To "spend up to \$15 0 million in 2008 developing biopharmaceutical products for metastatic melanoma, hemophilia..." October 29, 2008
<http://www.globenewswire.com/newsroom/news.html?d=153242>

BIO Investor Forum Presenter Profiles.

Forum is Oct. 29 -31. Near end, article mentions a company whose main drug would include melanoma treatment. October 28, 2008
<http://www.centredaily.com/business/technology/story/928027.html>

Articles focused on individuals

Meyskens honored with AACR-Prevent Cancer Foundation award.

Dr. Frank L. Meyskens recently "provided a major, new insight into the non-UVB causation of melanoma with suggestions for potential preventive strategies." October 24, 2008
http://www.eurekalert.org/pub_releases/2008-10/aafc-mhw102408.php

Snyder aims to provide hope.

"The last man to lead Arizona State to the Rose Bowl," Bruce Snyder, on how he is bearing up with his melanoma, providing wise advice, and enjoying success with his website. October 26, 2008
<http://www.azcentral.com/arizonarepublic/sports/articles/2008/10/25/20081025snyder1026online.html>

Elkin, 22, dies of cancer.

Marine had melanoma. October 25, 2008
http://www.whittierdailynews.com/news/ci_10818099

Tom Jarosh, Former AS/400 General Manager, Dies at 55

Influential IBM engineer dies of melanoma. October 27, 2008
<http://www.itjungle.com/tfh/tfh102708-story07.html>

Pentagon co-designer Furman dead at 93

Of melanoma. Furman helped design the Pentagon and "served as the chief of intelligence on the U.S. atomic bomb project." October 25, 2008
http://www.upi.com/Top_News/2008/10/25/Pentagon_co-designer_Furman_dead_at_93/UPI-26511224958948/

Picknicking and Picking Benefits Firths Family Sunday.

"Three siblings of the Firth family have been fighting cancer for over eight years." One is a 32-year-young woman with melanoma. October 27, 2008
http://www.chattanooga.com/articles/article_137844.asp

Vitamin D – benefits and sources

Is it time for everyone to increase vitamin D intake?

Notes that "the government" reluctant to increase recommendations, despite recent statement from The American Academy of Pediatrics doubling its prior recommendation. Views of some physicians. October 28, 2008
<http://www.orlandosentinel.com/features/health/orl-vitaminD2808oct28,0,1208626.story>

When Daylight Savings Time Stops - Consider Taking Vitamin D. Canadian Cancer Society Recommends 1,000 IUs of Vitamin D Daily.

"Changing our clocks on November 2 is an excellent time to consider taking a daily Vitamin D supplement," from Canadian Cancer Society. October 28, 2008
<http://www.cnw.ca/fr/releases/archive/October2008/28/c9824.html>

High doses of vitamin D may not prevent prostate cancer - study.

Revisits the May study by Dr. J. Ahn suggesting that "taking high doses of vitamin D may not help protect against prostate cancer." October 28, 2008
http://foodconsumer.org/7777/8888/C_ancer_31/102809392008_High_doses_of_vitamin_D_may_not_prevent_prostate_cancer_-_study.shtml

Vitamin D, More Than a Vitamin!

Extensive summary of studies, mainly the favorable studies of benefits. "We're protecting ourselves from skin cancer with sunscreens. This is a good thing, so let's not stop." But don't run out and buy high doses of D supplements. Can be toxic. "One size does not fit us all." October 26, 2008
http://www.healthnewsdigest.com/news/Family_Health_210/Vitamin_D_More_Than_a_Vitamin.shtml

DermTech and Rady Children's Hospital-San Diego, Initiate Study to Understand Effects of Vitamin D as a Treatment for Atopic Dermatitis in Children and Young Adults.

To study if Vitamin D boosts skin's immune response. October 27, 2008
<http://www.earthtimes.org/articles/show/dermtech-and-rady-childrens-hospital-san,595131.shtml>

Mushrooms enhanced with dose of Vitamin D.

Sun Bella. October 26, 2008
http://www.montereyherald.com/agriculture/ci_10821104

Tanning - UV and non-UV

Under-age kids should be banned from tanning salons.

Concern with British attitudes to tanning and the recent death of the 44-year old mom "addicted to sun beds." October 24, 2008
<http://www.mirror.co.uk/news/columnists/routledge/2008/10/24/under-age-kids-should-be-banned-from-tanning-salons-115875-20834832/>

Mystic Tan Prestige Self-Tanning Line Now in Barneys New York.

Mystic Tan - "the best-known brand in sunless tanning." October 25, 2008
<http://www.prweb.com/releases/2008/10/prweb1519844.htm>

Sunscreen

Winter skin care.

Emphasizes need for appropriate sunscreen but seems to assume there is sweat-proof and water-proof sunscreen. October 27, 2008
<http://media.www.chicagoflame.com/media/storage/paper519/news/2008/10/27/Wellness/Winter.Skin.Care-3507774.shtml>

Skin cancer survivor joins pink movement.

Ms. Posnick, diagnosed with skin cancer in 1998, created mineral-based cosmetics with sun protection. October 24, 2008
<http://www.silive.com/living/advance/fashion/index.ssf?/base/living/122485410516910.xml&coll=1>

Shedding skin protection prejudices.

Claims Hamilton's sunscreen products may suit outdoor workers better than others. Not much detail. October 27, 2008
<http://www.manmonthly.com.au/Article/Shedding-skin-protection-prejudices/429121.aspx>

New sunscreen combats UV rays and wrinkles.

October 28, 2008
<http://www.grinza.com/index.php/20081028154/Latest/New-sunscreen-combats-UV-rays-and-wrinkles.html>

Why cancer's gaining on us.

Believes toxic chemicals are ubiquitous, also in sunscreens. Favors passing laws such as the Massachusetts Safer Alternatives Bill. October 27, 2008
http://www.boston.com/bostonglobe/editorial_opinion/oped/articles/2008/10/27/why_cancers_gaining_on_us/

Special skin-cancer related events

Cancer support group raising funds.

The Community Cancer Network "recently started its Lifeguard campaign, an annual fundraiser to support its mission of providing support care to cancer patients in 11 Indiana counties ." October 28, 2008
<http://www.jconline.com/article/20081028/NEWS/810280319>

Miscellaneous

McCain's Cancer: Lies of The Times.

Dr. M. Siegel, who comments for Fox and who examined the 1,000 pages of Sen. McCain's medical record, corrects Dr. Altman of the Times and launches an attack. Medical record has no evidence of any metastasized episode. Insinuations about the severity of McCain's illness are not justified on the basis of the record. "The only question is why a veteran journalist would resort to blind speculation." October 21, 2008
http://www.nypost.com/seven/10212008/postopinion/opedcolumnists/mccains_cancer__lies_of_the_times_134554.htm

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Ilona Melstrads](#)
To:
Bcc: [Drusilla Hufford](#)
Subject: SunWise News Roundup September 10, 2008
Date: 09/10/2008 02:44 PM



News Roundup Wednesday September 10, 2008

Skin cancer prevention / awareness: events

"Stand Up To Cancer" TV campaign

McCain and Obama on same side in war on cancer.

"With 1.5 million Americans expected to be diagnosed with cancer this year, McCain and Obama both say it is time to add some fire to the battle against cancer.... Both candidates have pledged to increase U.S. investment in research to better detect and treat cancer and to help the 10.5 million cancer survivors in the country." Both spoke on "Stand Up To Cancer." September 10, 2008

<http://www.nationalpost.com/life/health/story.html?id=4df31b6e-042c-4750-bdb7-66711a2f0a08>

Former WKYT Anchor/Reporter Shares Cancer Survival Story.

Friday's "Stand Up To Cancer" fundraiser. Story of former WKYT anchor DeAnn Stephens diagnosed with skin cancer. "'They know that big scar on mommy's back is from surgery because she got too much sun,' said DeAnn." September 4, 2008

<http://www.wkyt.com/news/headlines/27851549.html>

Cancer telethon has Selig 'speechless.'

"Major League Baseball helped actors, actresses and entertainers 'Stand Up to Cancer' in a telethon that was simulcast on Friday night...." Mr. Selig, a melanoma survivor, said, "You guys know I'm not speechless very often.... But tonight was a very, very emotional night." September 5, 2008

http://mlb.mlb.com/news/article.jsp?ymd=20080906&content_id=3427119&vkey=news_mlb&fext=.jsp&c_id=mlb

US stars unite for cancer charity.

"US celebrity cancer survivors including actors Christina Applegate and Patrick Swayze, and singer Sheryl Crow, have taken part in a live charity telethon," with more than 60 stars who had cancer or lost a relative to cancer. Melanoma mentioned on show. September 6, 2008

<http://news.bbc.co.uk/2/hi/entertainment/7601920.stm>

TV networks promote global cancer awareness.

In Honolulu, "skin cancer survivors tell their story of how they got it and what they're doing now to prevent...." No one is immune. "Of all the myths about skin cancer, Dr. Boyer feels the one about tanning beds not being harmful is the worst." September 6, 2008

<http://www.khnl.com/Global/story.asp?S=8962691>

Stand Up to Cancer.

Interviews include one with melanoma patient who had 16 recurrences going back 20 years. September 5, 2008

<http://www.whsv.com/news/headlines/27935149.html>

Stand Up to Cancer and the PSA test -- yes, no, maybe?

Enumerates writers/websites that did not find the "Stand Up to Cancer" telethon to be "balanced." September 8, 2008

http://latimesblogs.latimes.com/booster_shots/2008/09/psa-test--yes-o.html

Other events in US and Canada

Event organizers expecting nearly 600 participants, 1,000 spectators Sept. 21 at Garrett County race.

The Savage Man Triathlon hopes to exceed last year's success. It's "one of the big fundraisers for the Joanna M. Nicolay Melanoma Foundation. The idea of sponsoring races ... began with the thought that outdoor athletes are in danger of skin cancer if they do not practice safe habits...." September 5, 2008

http://www.times-news.com/local/local_story_249233418.html

The Melanoma Research Foundation Introduces "Ask a Nurse" Program.

Through the program, "people have free access to an expert for guidance or to ask basic questions about melanoma...." Answers from S. McGettigan, MSN at the Univ. of Pennsylvania. September 3, 2008
<http://www.clickpress.com/releases/Detailed/88251005cp.shtml>

Temporary new route for Mill Street Run. Second item: Making their mark.

The fourth Mark Your Mark 5K race/walk, Sept. 14, to benefit the Mark Allen Friedman Foundation, "named after the Bensalem native who died in 2005 from malignant melanoma." September 4, 2008
<http://www.phillyburbs.com/pb-dyn/news/131-09042008-1585725.html>

Windber Research hosts cancer awareness programs.

Community programs from Windber Research Institute will include skin cancer. "We will be making contacts with the school districts and they will be encouraged to contact us as well.... We could go into health classes and do skin cancer prevention...." September 5, 2008
<http://www.dailyamerican.com/articles/2008/09/05/news/news/news675.txt>

Follow This Road to Detecting Skin Cancer.

"How recently have you had your skin checked for potential signs of cancer? Well, no more excuses. The Skin Cancer Foundation's Road to Healthy Skin Tour has made its way to Los Angeles County, making five area stops this week to provide free cancer screenings...." September 10, 2008
http://www.redorbit.com/news/health/1549716/follow_this_road_to_detecting_skin_cancer/

Passion for hockey fuels cancer fundraiser [in Canada].

Second Face Off Against Cancer tournament, Friday-Sunday for the Alberta Cancer Foundation to raise money for melanoma research. "The money will be raised through corporate sponsors and the players of the 18 teams involved in this year's events." September 8, 2008
<http://www.canada.com/calgaryherald/news/city/story.html?id=e1b7ba93-4ec9-4071-a734-c12947325905>

Skin cancer awareness

Sun Safety Is More Than Sunscreen.

Dr. A. Halpern of The Melanoma Research Foundation provides perspective, given the media attention to EWG's report on sunscreens: "Sadly, approximately 65 percent of melanomas ... one of the fastest growing cancers in the U.S.... are attributed to ultraviolet exposure.... Too many people mistakenly view wearing sunscreen as a blank check for spending unlimited time in the sun. Sunscreen is just one component of sun safety." September 8, 2008
<http://www.24-7pressrelease.com/press-release/sun-safety-is-more-than-sunscreen-63900.php>

South Shore Skin Center Warns of Increase in Skin Cancer in Young Women.

Drs. Eisen and Saad "attribute the spike in melanoma cases in young women to increased and extended exposure to UV rays, from both the sun and indoor tanning.... Sunscreen does provide protection, and because of that, many young women increase the amount of time in the sun or at an indoor tanning bed. They really should be using sunscreen and reducing the amount of UV exposure...." September 9, 2008
http://healthcare.dbusinessnews.com/shownews.php?type_news=latest&newsid=166334

Skin Cancer: Words we don't want to say. Article begins a third down the page.

"When I started reading up on malignant melanoma, I found a lot of garbage both on the Internet and in print. A good rule of thumb for deciding whether to take seriously a medical research article is which journal it appeared in. If it's from a peer-reviewed journal, you can probably trust it." September 8, 2008
<http://www.vancouver.wsu.edu/ss/vancougar/index.php?page=viewstory&story=618>

Early cancer screenings might not be helpful, health officials say.

Mostly on U.S. Preventative Services Task Force views on prostate cancer screening for men over 75. Article says skin checks are among the screenings you should receive since skin cancer is the most common cancer. September 7, 2008
<http://www.tcpalm.com/news/2008/sep/08/some-health-tests-wont-help/>

Skin cancer data and risk

State data: Melanoma higher than expected in whitest, wealthiest towns.

"Cancer Incidence in Massachusetts" by the MA Dept. of Public Health "shows that between 2001 and 2005 melanoma occurred well beyond projections in Cohasset, Duxbury, Norwell, Hingham and Milton." Most likely "due to the fact that wealthy communities tend to be near the sun-soaked coast and mostly contain white people...." Also observations on findings from the Melanoma Education Foundation. September 6, 2008
<http://www.tauntongazette.com/health/x359570393/State-data-Melanoma-higher-than-expected-in-whitest-wealthiest-towns>

Also in the Sept. 9 JNCI.

Study entitled "Bias Correction of Familial Risk Estimates Increases Estimated Melanoma Risk But Not Risk of Other Common Cancers." Shows from Swedish Cancer Registry a common reason for inadvertently underestimating risk of melanoma in individuals with an affected relative. Discusses extent of and reason for underestimate. September 10, 2008

<http://esciencenews.com/articles/2008/09/10/also.sept.9.jnci>

Drugs from Biogen, Eli Lilly on FDA review list.

FDA listed "20 medications that have been the subject of safety reports from hospitals, doctors and patients" for a closer look. Article says issues cited by regulators already known, except for "reports of skin cancer with Biogen Idec Inc.'s multiple sclerosis treatment Tysabri." September 5, 2008

<http://money.cnn.com/news/newsfeeds/articles/apwire/3d5afdac5355164f3ac7e24eaafd5474.htm>

The Coming Great Pharma Panic.

Problem with FDA report categories. "The FDA's providing only a listing of the drug and the potential problem -- no numbers on how many reports, no indication of sources (patients? companies?), no statement of what action it's currently taking with the report. Without such context, the agency runs the risk of alarming patients." September 8, 2008

<http://www.fool.com/investing/general/2008/09/08/the-coming-great-pharma-panic.aspx>

Antioxidants - friend or foe?

Artificial introduction of antioxidants into the human skin raises questions. The World Cancer Research Fund said "not to use nutrient supplements for cancer prevention...." US NCI notes that studies' results are inconsistent.

September 4, 2008

<http://idw-online.de/pages/de/news276537>

UV, ozone layer

The basics

The Montreal Protocol rescued the ozone layer, but also prevented drastic regional climate changes.

Describes a climate-chemistry model showing what would have happened if the Montreal Protocol had not existed. How the regulations on CFCs not only helped the ozone layer but also some climate change. "The team worked out a predicted value for chlorine levels in the stratosphere ... in the year 2030, on the basis of how quickly chlorine levels were rising in the late 1960s and early 1970s." September 5, 2008

<http://www.nature.com/news/2008/080905/full/news.2008.1081.html>

Effects of the depletion of the Ozone Layer on humans and the environment.

Includes technical summary of determinants of UV-B radiation at a specific place. Notes that the "cumulative amounts [of UV-B radiation] will depend critically upon local conditions and are therefore difficult to model in a general way. Many detrimental effects of UV-B are proportional to the cumulative UV-B exposure." September 10, 2008

<http://pib.nic.in/release/release.asp?relid=42536>

A landmark for grass-roots activism. Two-thirds of initial page are blank.

Praises Oregon Environmental Council and claims it had a central role in the ban on ozone-depleting chemicals in 1977. September 7, 2008

<http://www.oregonlive.com/editorials/oregonian/index.ssf?/base/editorial/1220657109285620.xml&coll=7>

RP [Philippines] to observe 'Ozone Day.'

"The International Day for the Preservation of Ozone Layer is celebrated worldwide on Sept 16 of every year with one common objective - to protect human health and environment." Commemorates signing of the Montreal Protocol on Sept. 16, 1987. September 8, 2008

<http://www.pia.gov.ph/?m=12&r=&y=&mo=&fi=p080908.htm&no=66>

List of events. Second Item - International Ozone Day.

International Ozone Day 2008 is being celebrated in Kuala Lumpur, Malaysia as a family event - Let Us Work Together to Save the Ozone Layer - Save Our Children. With quiz, children's drawing competition. September 5, 2008

<http://thestar.com.my/metro/story.asp?file=/2008/9/6/central/1934689&sec=central>

Specific ODS chemicals

Grocery Stores Lead the Way in Ozone Layer Protection - EPA Welcomes Eight New GreenChill Partners, Tripling Membership in Less than a Year.

EPA "named Giant Eagle Inc. and Harris Teeter Inc. as the first winners of its GreenChill Advanced Refrigeration Partnership Environmental Achievement Award. The award recognizes the two food retailers for emitting the lowest rates of ozone-depleting refrigerant in GreenChill's first year." September 9, 2008
<http://yosemite.epa.gov/opa/admpress.nsf/0/a58fb6a0e28b87d5852574bf00659982?OpenDocument>

Food retailers win EPA award.

September 10, 2008

<http://www.ohio.com/business/28124674.html>

Seeking green insect control.

Kansas State Univ. research on alternatives to methyl bromide. September 7, 2008

<http://www.themercury.com/News/article.aspx?articleId=8e822da21d9145bd9139cfa2067d554d>

Biofumigation gaining world acceptance.

On international conferences and some research on methyl bromide alternatives. September 8, 2008

[http://www.sunstar.com.ph/static/bag/2008/09/09/oped/dr..rogelio.colting.research.for.development.\(r4d\).corner.html](http://www.sunstar.com.ph/static/bag/2008/09/09/oped/dr..rogelio.colting.research.for.development.(r4d).corner.html)

Ban of CFC in Inhalers Spurs Product Innovation, Market Growth.

"Asthma and chronic obstructive pulmonary disease (COPD) afflict about 181 million and 44.2 million people respectively worldwide.... More than 95% of inhalers contain ozone depleting CFC as a propellant." September 9, 2008

<http://www.marketwatch.com/news/story/ban-cfc-inhalers-spurs-product/story.aspx?guid=%7B2B87C2F7-A678-4215-B41C-2859D2DFD49F%7D&dist=hppr>

Teva Specialty Pharmaceuticals to Join the Philadelphia Phillies in Hosting a Red Goes Green Asthma Awareness Night on Tuesday.

Hosting an Asthma Awareness night Sept. 9. Will "answer questions about the upcoming transition from CFC inhalers to HFA inhalers at kiosks throughout the ballpark." Discount cards "and starter kits to help ease patients through the transition." September 8, 2008

<http://www.marketwatch.com/news/story/teva-specialty-pharmaceuticals-join-philadelphia/story.aspx?guid=%7B535DB30A-C068-4A92-965E-02FDCD046BDF%7D&dist=hppr>

Asthmatics, listen up: a change is coming.

September 9, 2008

<http://www.kltv.com/Global/story.asp?S=8979958>

General biomedical and cancer research

Despite Treatment Gains, Many Cancer Stories Remain Bleak.

Writer reflects on the "article in the current Newsweek that implicitly criticizes the tendency of the media to dwell on big breakthroughs in cancer research, without looking at the bigger picture," and why "some \$200 billion in federal cancer funding since the early 1970s hasn't done more to reduce cancer's death toll." September 8, 2008

<http://blogs.wsj.com/health/2008/09/08/despite-treatment-gains-many-cancer-stories-remain-bleak/>

Breakthroughs seen in cancer spread and stem cells.

Article not too specific on MIT research finding "a key to metastasis." "In earliest human life, some cells undergo a dramatic metamorphosis..... Researchers have long theorized that cancer cells may co-opt the program for that transformation, using it to gain mobility and roll out from a primary tumor to seed others elsewhere." September 9, 2008

<http://www.iht.com/articles/2008/09/09/healthscience/gene.php>

Embryonic stem cells still needed, panel says.

The Human Embryonic Stem Cell Research Advisory Committee of U.S. National Acad. of Sciences says embryonic stem cell research needed despite advances in making pluri-potent stems cells without human embryos. "But some regulation is needed of these new sources of stem cells, especially if they are spliced into animals for experiments...." September 5, 2008

<http://www.reuters.com/article/healthNews/idUSN0546429120080905>

Researchers at OU Isolate Cancer Stem Cells in Tumors.

Not too many details here on Univ. of Oklahoma's Cancer Institute's discovery of "a way to isolate cancer stem cells in tumors." Drug capable of preventing recurrences 10 years away. September 9, 2008

http://www.redorbit.com/news/health/1548890/researchers_at_ou_isolate_cancer_stem_cells_in_tumors/

Australian stem cell effort in turmoil; \$400M for new genetics research.

Mentions World Stem Cell Summit in Madison, WI Sept. 22-23. Second item is on genetics research under

auspices of Broad Institute, with "1,200 researchers at Harvard, MIT and the Whitehead Institute for Biomedical Research.... After decades of often ineffective work in identifying which toxic therapies could attack cancer, powerful new gene sequencing machines are honing in on which genetic variations trigger cancer...." September 9, 2008
<http://www.fiercebioresercher.com/story/australian-stem-cell-effort-turmoil-400m-new-genetics-research-better-way-make-gold-nanopartic>

On new skin cancer research

Protein "Switch" Suppresses Skin Cancer Development.

Dr. Y. Hu et al. of M.D. Anderson showed that the "protein IKKalpha (IKKa) regulates the cell cycle of keratinocytes and plays a key role in keeping these specialized skin cells from becoming malignant...." "An intact IKKa gene is required to suppress skin cancer development." September 8, 2008
<http://www.newswise.com/articles/view/544100/>

Protein "Switch" Suppresses Skin Cancer Development.

September 10, 2008
<http://www.medicalnewstoday.com/articles/120852.php>

33rd ESMO [European Society for Medical Oncology] Congress in Stockholm, 12-16 September 2008.

Mentions (1) Portuguese research on a genetic variant that increases risk of developing melanoma; (2) Nottingham Univ. "final results from the largest of its kind randomised phase III study in 859 patients with stage IV melanoma.... involving 92 institutions in Europe, the US and Latin America." September 5, 2008
<http://www.itnews.it/news/2008/0905120401211/33rd-esmo-congress-in-stockholm-12-16-september-2008.html>

Major State Grant Accelerates Research and Development of Novel Cancer Therapy.

Dr. H. Weissbach of Florida Atlantic received grant for "discovery of a novel combination of agents that work to preferentially target and kill cancer cells.... [F]ormulated a topical skin preparation being tested for treatment of AK [actinic keratoses]." September 5, 2008
<http://www.marketwatch.com/news/story/major-state-grant-accelerates-research/story.aspx?guid=%7B5F76591B-A5B5-40AF-8D91-7F9B4181674C%7D&dist=hppr>

Additional recent articles on skin cancer items listed in earlier roundups

Health Watch: Study shows 'tanorexia' common among college students.

Fox Chase Cancer Center "also found those with a tanning dependence tend to be more likely to be thin and smoke cigarettes...." September 8, 2008
<http://www.norwichbulletin.com/lifestyles/health/x1577102381/Health-Watch-Study-shows-tanorexia-common-among-college-students>

Addicted To Tanning Beds? 'Tanorexia' Common Among University Students.

27 % tanning dependent. Almost 40 % "had used tanning booths and that the mean age when tanning booths were first used was 17...." September 4, 2008
<http://www.sciencedaily.com/releases/2008/09/080902122849.htm>

Skin cancer detection and treatment

Jean faced death without surgery that would scar her forever - but a beam of light saved the day.

Advances in photodynamic therapy or PDT that allow PDT to treat deeper cancers than just those near surface of skin or in internal cavities. Speculates on why it is not used more widely despite potential benefits. September 8, 2008
<http://www.dailymail.co.uk/health/article-1053614/Jean-faced-death-surgery-scar-forever--beam-light-saved-day.html>

I don't have cancer.

Alerts readers to potentially dangerous "remedies": "Folks, please, please don't try to wash away your skin lesions. See a dermatologist." September 4, 2008
http://scienceblogs.com/denialism/2008/09/in_prog.php

Research Questions Inequality of Skin Cancer Monitoring For Transplant Patients.

More on adequacy of skin cancer screening with UK transplant patients at high risk for skin cancer. Further details on improvement in screening in UK since 2000, although UK still lags behind Australia. September 5, 2008
<http://www.medicalnewstoday.com/articles/120276.php>

Industry, economics

Trial for Peplin's sun spot gel.

Phase 3 clinical trials of its skin cancer gel PEP005 for sun spots and pre-cancerous lesions. "The greater number of actinic keratoses a person has, the greater chance they have of developing a form of skin cancer...." September 9, 2008

<http://www.theaustralian.news.com.au/story/0,25197,24321619-20142,00.html>

Provectus Pharmaceuticals Inc. Will Present at the Wall Street Analyst Forum 19th Annual Analyst Conference.

Sept. 10 on phase 1 clinical trial of PV-10 in melanoma patients. Currently also in phase 2 study by Dr. J. F. Thompson of Univ. of Sydney. PV-10 is an injectable solution of rose Bengal disodium. September 9, 2008
http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080909005723&newsLang=en

Dacarbazine plus Pegylated Interferon for Metastatic Melanoma.

"... [W]ell tolerated with a response rate of 24% in the treatment of metastatic melanoma." In the Sept. 15, 2008 issue of *Cancer*. September 9, 2008

http://professional.cancerconsultants.com/oncology_main_news.aspx?id=42575

Articles focused on individuals

Persons of the Week: Cancer Survivors.

Personalities associated with the "Stand up to Cancer" telethon include Jason Connelly diagnosed with metastatic melanoma 6 years ago and treated at M.D. Anderson Cancer Center. September 5, 2008

<http://www.abcnews.go.com/WN/PersonOfWeek/story?id=5734944&page=1>

Cancer Research Funding Hot Topic in Presidential Race.

Four-year-old Marit Peterson survived stage 3 melanoma. Through the Marit Peterson Foundation, the "family has already raised upwards of \$500,000 for genetic cancer research." September 5, 2008

<http://www.nbc5i.com/health/17406278/detail.html>

Sunbed addict can't kick habit despite skin cancer.

A 27-year old woman, who "used sunbeds every day since she was 15," has skin cancer. Tells herself, "I'll be OK if I just tan once in a while and keep checking out my moles." September 9, 2008

<http://www.telegraph.co.uk/news/2709658/Sunbed-addict-cant-kick-habit-despite-skin-cancer.html>

Skin cancer check-up saved lorry driver's life.

56-year old man grateful for skin cancer screening that identified melanoma in time. September 5, 2008

<http://www.northantsset.co.uk/news/Skin-cancer-checkup-saved-lorry.4465454.jp>

Orphan's memorial to skin cancer death parents.

Participant in October's Run 10k for Cancer Research event at Sandringham does so in honor of parents who died of melanoma 9 years apart. September 4, 2008

<http://www.lynnnews.co.uk/news/Orphan39s-memorial-to-skin-cancer.4461348.jp>

Mission firefighter battles cancer.

"Mission firefighters gathered for Action 4 News cameras on Sunday in support of their 'brother' Nacho Cantu." September 8, 2008

http://www.kgbt4.com/news/news_story.aspx?id=187270

Lakeville: A new place to call home.

Family takes care of the young children of young friends who died of cancer – with the husband dying of melanoma. September 10, 2008

http://www.startribune.com/local/south/27954939.html?elr=KArksc8P:Pc:UHDaaDyiUiD3aPc:_Yyc:aUU

Friends plan benefit for Streator cancer patient.

"When Amy Deats-Sandino, of Streator, was diagnosed with melanoma a second time, her closest friends banded together to come up with an event to help support her." September 5, 2008

<http://mywebtimes.com/archives/ottawa/display.php?id=366173>

Former model sounds new cancer warning over sunbeds.

A UK sun worshipper and sunbed user becomes anti-sunbed campaigner now she is 45, after being saved from early stage malignant melanoma in 2001. September 10, 2008

<http://www.dailyrecord.co.uk/lifestyle/real-life-stories/2008/09/10/former-model-sounds-new-cancer-warning-over-sunbeds-86908-20730684/>

Vitamin D – benefits and sources

Vitamin D shifts into focus.

Mentions studies of benefits and that vitamin D deficiency is a problem for North Americans, especially children.
September 8, 2008
<http://www.canada.com/topics/bodyandhealth/story.html?id=579a208e-b720-4416-9fd0-e98c74703da6>

Sun lovers at risk for vitamin D deficiency, too.

"Our society's passion for using sun block as protection from getting skin cancer is wise and advocated by most — if not all — health-care professionals, but slathering on too much sunscreen also can harm your body." September 8, 2008
<http://www.mycentraljersey.com/apps/pbcs.dll/article?AID=/20080909/HEALTH/809090313/-1/newsfront>

Teens Should Increase Vitamin D Intake by 1000 Percent to Avoid Deficiency, Say Researchers.

Study from American Univ. of Beirut. "Our research reveals that vitamin D, at doses equivalent to 2,000 IUs a day, is not only safe for adolescents, but it is actually necessary for achieving desirable vitamin D levels...." September 8, 2008
<http://www.naturalnews.com/024099.html>

Vitamin D Cancer Fighting News.

"To increase awareness of the power of Vitamin D in fighting colon, breast and other cancers ... fitness and super health products company iNutrition, Inc. (www.inutrition.com) announces the Vitamin D Giveaway offer (www.vitaminDgiveaway.com) ... for a nominal shipping and handling charge...." September 7, 2008
<http://www.pr-inside.com/inutrition-launches-cancer-fighting-vitamin-r792420.htm>

Light shines on vitamin D deficiency epidemic.

Anecdotes and studies on importance of vitamin D for children's bones. A physician says, "The food supply in America is deficient in certain essential nutrients... and as a result more and more things must be bought and taken as supplements." September 8, 2008
<http://www.mycentraljersey.com/apps/pbcs.dll/article?AID=/20080909/HEALTH/809090308/-1/newsfront>

Hard to swallow.

On lack of clear evidence for the value of supplements and differing views of experts on particular supplements, such as vitamin D. September 8, 2008
<http://www.baltimoresun.com/news/health/bal-to.hs.vitamins08sep08,0,4530283.story>

Tanning – UV and non-UV

Indoor Tanning: '08 State of The Industry Report.

Industry not recession-proof. "... [M]any of the first-generation tanners are baby boomers choosing to tan less often. Additionally, dermatologists and cosmetics companies are targeting teens and young adults with ad campaigns portraying tanning as uncool and unhealthy." Urges salons "to promote February as National Vitamin D Deficiency Month." Hopes UV Foundation studies "will lend credibility to the benefits of tanning." September 5, 2008
<http://www.lookingfit.com/hotnews/web-exclusives/2008-state-of-the-industry-report.html>

A Blow Dryer That Spray Tans Celebrities on the New Hit TV Show Sunset Tan?

"All over the U.S., people are asking, 'What is that blow-dryer that is spray-tanning celebrities on the hit TV show, Sunset Tan?' Everyone is doing it...." Press release for Infinity Tan, the UV-free tanner. September 9, 2008
<http://www.prweb.com/releases/2008/9/prweb1306604.htm>

Sunscreen

Sunscreens without BP-3

For people who learned from EWG that benzophenone-3 (BP-3) or oxybenzone could be a hormone disruptor, article offers suggestions of sunscreens without BP-3. September 7, 2008
http://seattletimes.nwsources.com/html/health/2008160660_healthpharm07.html

Special skin-cancer related events

Community Health Programs to be held September 24

The Eastern Sierra Medical Group announces "a series of health-related programs including screenings..." to include skin cancer screenings. September 10, 2008
<http://news.rgj.com/apps/pbcs.dll/article?AID=/20080910/FERNLEY04/809100343/1043/FERNLEY>

Health Briefs for 9.10.08. Last item: Free skin cancer screening.

St. Mary's of Michigan Seton Cancer Institute offers free skin cancer screenings Sept. 19. September 10, 2008
http://www.mlive.com/saginawnews/living/index.ssf/2008/09/health_briefs_for_91008.html

Cancer Screening and Awareness Day at the Fair.

Free testing at Eastern Idaho State Fair. "One of the most popular features at Friday's booth was their DermaView skin screening booth, which shows everything from dry skin to damaged skin." Teens react. September 5, 2008
<http://www.kpvi.com/Global/story.asp?S=8961668>

Event Raised \$7,000 for Cancer Research.

Letter from a participant in Knoxville whose father had melanoma. "For if one family can raise more than \$7,000 in one night, surely this whole community can." September 9, 2008
http://www.tricitie.com/tri/news/opinion/letters_to_the_editor/article/event_raised_7000_for_cancer_research/13689/

Cancer survivor fights on with annual benefit. Top third of page blank.

Black Ribbon Benefit for melanoma research will have third fundraiser. Founder Ms. Brennan was "just 24 years old when she was diagnosed with stage 3 melanoma in 2006." September 4, 2008
<http://www.theotherpaper.com/articles/2008/09/04/arts/doc48bfe929480e6207312727.txt>

Donation given to Cancer Services.

Brooke Communication gave Douglas County Cancer Services \$2,000 raised from a softball game, 3rd Annual Keith Pettengill Classic. Broadcaster Pettengill died from melanoma. September 10, 2008
<http://www.nrtoday.com/article/20080910/NEWS/809109972/1055>

Miscellaneous

The evolution of creationism.

(Article **may** have lessons for also understanding some of the opposition to laws against indoor tanning.) Claims opposition to evolution is not in religion but in political objection to scientific experts making decisions. "Experts control an ever larger share of decisions about where roads can be built, what people can ingest, what can be taughtthe battle over evolution is a class conflict disguised as a religious or moral conflict." Democracy vs expertise. September 5, 2008
http://www.ft.com/cms/s/0/71e3e552-7b59-11dd-b839-000077b07658.html?nclink_check=1

Panel favors local control. Education conference told it's a mistake to bypass school boards.

Mentions that an AZ rep seeking election to state Senate questions the 2005 AZ requirement that schools teach skin-cancer prevention. Not democratic to remove choice from local control. "Why do schools have to educate on sun safety? Why not doctors?" ... It's just one more crack in the armor of local control...." September 9, 2008
<http://www.azcentral.com/arizonarepublic/local/articles/2008/09/09/20080909asba0909.html>

Science slows global warming!

Writer ridicules model-building by scientists, especially the model noted earlier estimating the benefits of the Montreal Protocol. (But no science without model-building.) September 6, 2008
http://www.americanthinker.com/2008/09/science_slows_global_warming.html

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

From: [Ilona Melstrads](#)
To:
Bcc: [Drusilla Hufford](#)
Subject: SunWise News Roundup September 24, 2008
Date: 09/24/2008 02:32 PM



News Roundup Wednesday September 24, 2008

Skin cancer prevention / awareness: events

On 3 articles that say we have no evidence tanning beds are safe: call for restrictions

Overview: No Tan Is a Safe Tan.

"The first step [to both skin cancer and a tan] is DNA damage. That tells us that there's one common initiating event, and it is a carcinogenic event through which you get your tan, so the concept of a safe tan becomes essentially impossible." Indoor Tanning Association does not accept any of 3 review studies. September 18, 2008

<http://health.usnews.com/articles/health/healthday/2008/09/18/no-tan-is-a-safe-tan.html>

Overview: Healthy Tanning Beds? Experts Say No.

"Arguing that there may be no such thing as a safe tan, Society of Melanoma Research President David E. Fisher, MD, PhD, and colleagues accuse the industry of trying to confuse the public about the health benefits of tanning." September 18, 2008

<http://www.webmd.com/skin-beauty/news/20080918/healthy-tanning-beds-experts-say-no>

Summary: Three scientific studies add more evidence to danger of tanning beds.

Summarizes the 3 articles in *Pigment Cell & Melanoma Research*. September 21, 2008

<http://www.itwire.com/content/view/20748/1066/>

First Article: UV and pigmentation: molecular mechanisms and social controversies. By T. Tran, J. Schulman and D. Fisher.

"As the most ubiquitous human carcinogen, UVR exposure represents both a challenge and enormous opportunity in the realm of skin cancer prevention. [N]ecessitating the need for public education." *PCI&MR*, v. 21, September 18, 2008

<http://www3.interscience.wiley.com/cgi-bin/fulltext/121412174/HTMLSTART>

Second Article: Are tanning beds "safe"? Human studies of melanoma. By M. Berwick.

"Epidemiologic data – incomplete and unsatisfactory – suggests that tanning beds are not safer than solar ultraviolet radiation and that they may have independent effects from solar exposure that increase risk for melanoma." Young females use sunbeds more than males and among them melanoma is increasing. *PCI&MR*, v. 21, September 18, 2008

<http://www3.interscience.wiley.com/cgi-bin/fulltext/121412173/HTMLSTART>

Third Article: Ultraviolet wavebands and melanoma initiation. By D. Bennett.

"Pending better experimental data on whether UVA can indeed cause melanoma in mammals, and given that it is mutagenic and cell mutations can cause cancer, much stronger steps should be taken internationally to warn users of sunbeds...." *PCI&MR*, v. 21, September 18, 2008

<http://www3.interscience.wiley.com/cgi-bin/fulltext/121412171/HTMLSTART>

Tanning beds can cause skin cancer.

"Many people opt for tanning beds as they believe them to be a safe alternative to outdoor tanning, a fact that the scientists insist is untrue." September 20, 2008

<http://www.chattershmatter.com/2008/09/20/tanning-beds-can-cause-skin-cancer/>

Doctors rule out 'safe tanning.'

"The UK and US scientists ... called for a ban on children using sunbeds, and [on] any publicity claiming sunbeds were a safer option." September 18, 2008

<http://news.bbc.co.uk/2/hi/health/7620841.stm>

Other events in U.S.A. and abroad

Shade to protect Higley school's kids from sun.

"Gateway Pointe [Elementary School] received the \$10,000 shade through a grant from the SHADE Foundation of America and Killer Shade..." First of 12 Valley schools to get a shade 2008-9. McKee of SHADE: "Basically, we're just trying to benefit as many kids as we can..." School teaches EPA's SunWise Program. September 20, 2008

<http://www.eastvalleytribune.com/story/126286>

A good tan is not to die for, Pedroia tells students.

More on K. Pedroia's efforts for the contest sponsored by the Melanoma Foundation of New England, "Your Skin Is In." "Deb Girard ... said the South Shore beach communities such as Quincy, Hingham, and Duxbury are among the first targeted in the public awareness campaign." September 20, 2008

http://www.boston.com/news/local/articles/2008/09/21/a_good_tan_is_not_to_die_for_pedroia_tells_students/

Skin Cancer Prevention Information, Screenings Will Be Offered At Navistar Classic.

"Free skin cancer screenings and health education will be offered to both professional golfers and to the public attending the 2008 Navistar LPGA Golf Classic at Capitol Hill in Prattville Sept. 26-28." From dermatology and cancer organizations in Alabama. September 20, 2008

<http://www.medicalnewstoday.com/articles/122215.php>

Lewis on quest for tour card. Second item – sun screen saver.

More on the LPGA sun safety event from the Alabama Dep. of Public Health, the Alabama Comprehensive Cancer Control Coalition, the Amer. Academy of Dermatology and the Women's Dermatologic Society on Sept. 26-28. September 22, 2008

<http://www.montgomeryadvertiser.com/apps/pbcs.dll/article?AID=/20080924/SPORTS/809240350/10020>

Coaches call for more funding in fight vs. cancer.

J. Calhoun, treated for skin cancer, "and four of his fellow college coaches were on Capitol Hill on Tuesday joining the American Cancer Society in a call for Congress to fund more research." ACS called for at least a 6.5% increase for federal cancer research and control programs.

September 23, 2008

<http://ap.google.com/article/ALeqM5gRAai7RZwWGhJPQLFQUccfH0gOgwD93CKI780>

Ban on sunbed use by children [in UK] 'nearer.'

Coulbe a from a newspaper's publicity about a 15-year hospitalized after more than 20 minutes in unattended sunbed facility. September 22, 2008

http://www.thenorthernecho.co.uk/news/3692125.Ban_on_sunbed_use_by_children____nearer____/

Edwina gets browned off with children using sunbeds.

"Health Minister Edwina Hart has called for tighter laws to prevent teenagers using sunbeds." September 22, 2008

<http://www.walesonline.co.uk/news/wales-news/2008/09/22/edwina-gets-browned-off-with-children-using-sunbeds-91466-21868569/>

Skin cancer awareness

Young Women Warned About Skin Cancer Risks from Tanning.

Recent NCI study, and reflections on protection from a young tanner who had been diagnosed with melanoma. September 19, 2009

<http://ozarksfirst.com/content/fulltext/?cid=61451>

UK confused about sun care / skin cancer link.

Similar to prior articles on UK population's views. September 22, 2008

<http://www.webwire.com/ViewPressRel.asp?ald=75352>

Farmers not slip slop slapping.

From survey by Australian Cancer Council. September 23, 2008

<http://www.abc.net.au/rural/news/content/200809/s2371655.htm>

Skin cancer data and risk

Skin cancer trebles since 1980s [in Northern Ireland].

From NI Cancer Registry at Queen's University, Belfast. September 23, 2008

http://news.bbc.co.uk/2/hi/uk_news/northern_ireland/northern_ireland_politics/7630548.stm

UV, ozone layer

Hole in the ozone layer widens in 2008

"The scientists say they are aware of the effect climate change is having on the ozone hole. [A]n excess of greenhouse gases, while causing a warming effect in the troposphere and on the Earth's surface, results in a cooling effect in the stratosphere, accelerating the ozone damage." September 18, 2008

<http://www.thetechherald.com/article.php/200838/2069/Hole-in-the-ozone-layer-widens-in-2008>

Doha to host two conferences on climate change in November.

The Nov. 12-20 meetings will discuss "replenishment of the Multilateral Fund for the implementation of the Montreal Protocol, regional imbalances in respect of halons," and critical use exemptions for methyl bromide and other chemicals. September 22, 2008

[http://www.thepeninsulaqatar.com/Display_news.asp?](http://www.thepeninsulaqatar.com/Display_news.asp?section=Local_News&subsection=Qatar+News&month=September2008&file=Local_News2008092233522.xml)

[section=Local_News&subsection=Qatar+News&month=September2008&file=Local_News2008092233522.xml](http://www.thepeninsulaqatar.com/Display_news.asp?section=Local_News&subsection=Qatar+News&month=September2008&file=Local_News2008092233522.xml)

EPA Economist Receives Medal for Excellence in Federal Service.

Dr. Stephen O. Andersen helped quantify benefits of a faster phase-out of ozone-depleting substances, making possible HCFC phase-out 10-years sooner. September 17, 2008

<http://yosemite.epa.gov/opa/advpress.nsf/0/5258d4bc1911757e852574c700546fe9?OpenDocument>

Green protocol. Twenty-one years after the Montreal Protocol, we're still trying.

India and China still allowed to produce CFCs. Indians debate whether they are seriously interested in fully complying with the Montreal Protocol. September 19, 2008

<http://www.dnaindia.com/report.asp?newsid=1191724>

Saving the ozone layer.

The International Ozone Day 2008 and Mauritius's plan for complying with goal of eliminating CFCs and phasing out HCFCs. September 19, 2008

<http://www.defimedia.info/articles/3818/1/Saving-the-ozone-layer/Page1.html>

Ghana to phase out CFC products by 2010

Trained 5,000 refrigeration technicians. September 18, 2008

http://www.thestatesmanonline.com/pages/news_detail.php?newsid=7279§ion=1

Prominent B.C. [British Columbia] philanthropist faces ozone-depletion charge.

May be fined \$1.2 million for release of Halon 1301 when there was no fire in a fire-suppression system in a vacant building his firm had just bought. September 21, 2008

<http://www.canada.com/vancouver/news/story.html?id=f45d5c26-c6b3-4df4-9bc1-ad8932ba0d2a>

Portugal not helping to protect the ozone layer.

Some environmentalists claim that Portugal doesn't "recuperate" most CFC's in air conditioning units that are thrown out. September 20, 2008

<http://www.the-news.net/cgi-bin/google.pl?id=977-9>

Aerosol cans: Are they OK to use now?

CFC-free in US. So US aerosol cans do not contribute to stratospheric ozone depletion, but alternatives may contribute to ground-level smog, as do other substances. September 19, 2008

<http://features.csmirror.com/environment/2008/09/19/aerosol-cans-are-they-ok-to-use-now/>

Joe Farman's old-tech triumph.

Praises Britisher for "really discovering" the ozone hole, to the embarrassment of major institutions! September 19, 2008
<http://ivr.tmcnet.com/news/2008/09/19/3660472.htm>

UV and eyes

Diet changes can help improve your eyesight.

In addition to recommending carrots and oranges, etc., article notes need for protecting eyes against UV. September 22, 2008
<http://www.dailyrecord.co.uk/lifestyle/health-fitness/2008/09/22/diet-changes-can-help-improve-your-eyesight-86908-20747754/>

General biomedical or cancer research

Resetting immune system in bid to beat scleroderma.

"Doctors stored stem cells from her blood and then wiped out her faulty immune system. Her reinfused stem cells seem to have let a healthy new immune system take root...." September 22, 2008
<http://ap.google.com/article/ALeqM5gbDieJ1-JR5i-dBEYGAfZindXD9gD93BVFH82>

NIH gives New Innovator Award to bioengineer who studies cellular mechanics.

On the "molecular mechanisms through which cells process biophysical cues, how these cues activate specific biochemical signaling pathways and gene networks in cells, and how these cues manifest themselves in disease." Brain tumors. September 23, 2008
http://media-newswire.com/release_1073933.html

Vitiligo skin disorder could yield clues in fight against melanoma.

This auto-immune disease kills pigment cells. To stop it, may need "to adjust the immune system so that it stops attacking pigment cells. Conversely, melanoma would be treated by revving up the immune system to attack malignant pigment cells." Need balance in immune system. Dr. C. LePoole. September 23, 2008
<http://www.genengnews.com/news/bnitem.aspx?name=42362205>

On new skin cancer research

Variant Of Vitamin D Receptor Gene Linked To Melanoma Risk.

Dr. S. Mocellin and Dr. D. Nitti of the Univ. of Padova in Italy examined existing research on the association between common variants in the vitamin D receptor gene and the risk of melanoma. Variants of the receptor gene Bsm1 cause increased melanoma risk. September 22, 2008
<http://www.sciencedaily.com/releases/2008/09/080922090759.htm>

Vitamin D Receptor Gene Variant Tied to Melanoma.

"Genetic differences in the vitamin D receptor gene Bsm1 mean that people may have different levels of vitamin D in their bodies, which means some may have more vitamin D-related protection against cancer than others...." September 22, 2008
<http://health.usnews.com/articles/health/healthday/2008/09/22/vitamin-d-receptor-gene-variant-tied-to-melanoma.html>

Variant of vitamin D receptor gene linked to melanoma risk.

"The researchers note that additional research is needed to validate this link, and called for well-designed, population-based, large, multi-institutional studies...." September 22, 2008
http://www.eurekalert.org/pub_releases/2008-09/acs-vov091708.php

Vitamin D Receptor Gene Variant Tied to Melanoma.

September 22, 2008
<http://www.washingtonpost.com/wp-dyn/content/article/2008/09/22/AR2008092200792.html>

Research indicates new virus is culprit, not bystander, in deadly skin cancer [Merkel cell carcinoma].

Definitive findings from Drs. Moore and Chang at Univ. of Pittsburgh that a virus is the source of the carcinoma. To become really toxic, the virus requires a mutation, which may arise from UV. (Preliminary studies mentioned in Jan. 23 and Feb. 27 roundups.) September 23, 2008
<http://www.sciencecentric.com/news/article.php?q=08092327>

How to detect skin cancer early.

Hopes to fund more research at Edith Cowan Univ., especially work of Dr. M. Ziman who seeks genetic markers in the blood for accurately detecting melanoma cells. Dr. Ziman concerned that "markers of melanoma cells are still detected in the blood of patients who had melanomas removed many years ago." September 22, 2008
<http://www.virtualmedicalcentre.com/news.asp?artid=12552>

Prevalence of variations in melanoma susceptibility genes among Slovenian melanoma families.

"... [H]igh prevalence of p16INK4A mutations in ... familial melanoma patients (37%) and an absence of p14ARF or CDK4 mutations." B. Peric et al. *BMC Medical Genetics* 2008. September 19, 2008
http://7thspace.com/headlines/293294/prevalence_of_variations_in_melanoma_susceptibility_genes_among_slovenian_melanoma_families.html

Skin cancer detection and treatment

Management of Atypical Moles Reviewed.

Summary of article in *Amer. Family Physician* on identifying and treating atypical moles. "A patient who has atypical moles has an increased risk of melanoma even in the absence of a personal or family history of melanoma...." September 22, 2008
<http://www.medscape.com/viewarticle/580864>

Kiwi Men Struggle to Identify Melanoma.

Mistakenly try to rely on self-diagnosis. "... 26% of patients were diagnosed with melanoma after a pro-active check-up where they had come in with no particular mole of concern.... Melanoma is often completely without symptoms." September 19, 2008
<http://www.scoop.co.nz/stories/GE0809/S00123.htm>

A cutting advantage. Procedure takes longer, but cure rate better for some skin cancers.

Details on Mohs surgery at South Bend Clinic, and why it's used mostly for nonmelanoma skin cancers. September 23, 2008
<http://www.southbendtribune.com/apps/pbcs.dll/article?AID=/20080923/Lives/809230146/1047/Lives>

A place to find support.

Patient with rare gynecological melanoma receives help from Humboldt Community Breast Cancer Project that also includes other cancers besides breast cancer. September 21, 2008
http://www.times-standard.com/lifestyle/ci_10522703

Industry, economics

Entertainment and Communication Specialists Team Up to Improve Health Education.

Jones Public Affairs, Inc. and the Entertainment Industries Council, Inc. join with the "Sun Safe Alliance to help dispel common misconceptions and motivate people to actively adopt and practice sun safe behaviors." September 22, 2008
<http://www.1888pressrelease.com/entertainment-and-communication-specialists-team-up-to-impro-pr-74477.html>

Delcath Adds Providence Cancer Center to Phase III Trial.

For inoperable metastatic melanoma in the liver using the Company's Percutaneous Hepatic Perfusion System. September 24, 2008
<http://www.marketwatch.com/news/story/delcath-adds-providence-cancer-center/story.aspx?guid=%7B8F3ABC0F-52FE-48A4-87BA-2CFC8210F424%7D&dist=hppr>

Sanofi sponsors melanoma study.

Phase 2 study of MEL11 therapeutic vaccine in the US and Canada. September 19, 2008
<http://www.hayspharma.com/news/news-item/18788162>

Admission and Start of Trading - Scannell Holdings PLC - announces share issues.

Mentions that one use of funds will be for progressing a melanoma vaccine to phase 1 clinical trial. September 24, 2008
<http://www.marketwire.com/press-release/Scancell-Holdings-Plc-LSE-SCLP-903163.html>

Articles focused on individuals

Gaetano Antonacci, manager for Chase, dies at 60

Donations for NYU's Cancer Institute Melanoma Research Fund. September 21, 2008
<http://www.newsday.com/news/printedition/longisland/ny-lianto215851640sep21,0,6377858.story>

Restaurateur funds camp for sick kids

"Diagnosed with melanoma two decades ago, restaurateur Bob Amick began using his industry contacts to rebuild a struggling summer retreat for sick children." September 19, 2008
http://money.cnn.com/2008/09/17/smallbusiness/bobs_kitchen.fsb/

Community Supports Paramedic with Poker Run.

For Kenny Watkins, diagnosed with stage 3 Melanoma in March of 2007. September 20, 2008
<http://www.wboy.com/story.cfm?func=viewstory&storyid=44306>

Niamh Backs Under-18 Sunbed Ban.

18-year old Irish starlet joined calls from Cancer Research UK "for under 18s to be banned from using sunbeds in Northern Ireland." September 18, 2008
http://www.redorbit.com/news/health/1559836/niamh_backs_under18_sunbed_ban/

Hello, Clarice... Anthony Hopkins puts on a terrifying Hannibal Lecter-style hat for day at the beach.

Hat and sunglasses. "While Sir Anthony made himself comfy, wife Mrs. Hopkins made sure he had a good covering of sunscreen...." Nice picture. September 22, 2008
<http://www.dailymail.co.uk/tvshowbiz/article-1059785/Hello-Clarice--Anthony-Hopkins-puts-terrifying-Hannibal-Lecter-style-hat-day-beach.html>

Vitamin D – benefits and sources

Vitamin D important to avoiding the big C — cancer.

Mentions studies of benefits and that "exposure to UVB radiation from the sun causes a chemical reaction in skin cells that converts a form of cholesterol to a form of vitamin D called calciferol. Other chemical reactions.... convert calciferol ... to the active form of vitamin D...." September 23, 2008
<http://www.statesmanjournal.com/apps/pbcs.dll/article?AID=/20080923/HEALTH/80923027/1093>

Vitamin D deficiency link to multiple sclerosis in children.

From international conference in Montreal on MS: "The Canadian study raises the possibility that simply by taking a supplement every day from infancy it might be possible to prevent or slow the progression of the debilitating auto-immune disease...." September 22, 2008
<http://www.timesonline.co.uk/tol/news/uk/scotland/article4806216.ece>

Death Rate from Cancer Slashed 55 Percent with High Vitamin D Levels.

"... Canada's health agency has asked the U.S. Food and Nutrition Board of the Institute of Medicine in Washington to conduct a new review on how much vitamin D the average Canadian needs daily. Previously, the Canadian government has based its recommendations on studies conducted in the United States, where the sunlight is stronger." September 18, 2008
<http://www.naturalnews.com/024241.html>

Why we really need the sun.

A somewhat impressionistic essay occasioned by Dr. O. Gillie ascribing "Scotland's poor health record to a widespread vitamin D deficiency, caused by the country's extremely low levels of sunlight." September 20, 2008
http://www.sundayherald.com/news/heraldnews/display.var.2450049.0.why_we_really_need_the_sun.php

U.S. Company May Have Silver Bullet In Vitamin D Fight Against Disease.

Pulsed light raises vitamin D content in mushrooms. September 22, 2008
<http://www.cnn.ca/fr/releases/archive/September2008/22/c6885.html>

Focus on the World Vitamins Market.

Reportlinker.com has a new report on the world market, including on vitamin D. September 24, 2008
http://www.istockanalyst.com/article/viewiStockNews+articleid_2647237.html

Tanning – UV and non-UV

Fake Tanning Is Turning Austin Orange... Are You Getting The Glow?

"There are four tanning salons in the student area of West Campus alone.... In fact, three of the four are actually located on the ground floor of student condos." September 17, 2008

http://www.collegeotr.com/college_otr/fake_tanning_is_turning_austin_orange_are_you_getting_the_glow_11792

A Golden Glow without Dangerous Rays.

Notes the IARC research finding that "exposure to tanning beds before age 35 increases melanoma risk by 75 percent," and suggests use of a non-UV coloring product. September 22, 2008

<http://www.napsnet.com/articles/59403.html>

Planet Tan attends International Tanning World Expo 2008

Mentions that "Planet Tan is the official tanning center for the Dallas Cowboys Cheerleaders," etc. September 21, 2008

<http://www.prweb.com/releases/2008/09/prweb1360484.htm>

Sunscreen

Suncare in the United States 2008

From Research and Markets. "Awareness of the dangers of the sun will undoubtedly continue to rise, but the category [sunscreens] continues to face questions over the efficacy and safety of its products, and proposed changes in labeling regulations from the FDA remain unresolved." September 19, 2008

<http://www.marketwatch.com/news/story/suncare-united-states-2008-/story.aspx?guid=%7BE73EEC73-B946-4341-B6E5-6AF2175BF144%7D&dist=hppr>

High-Altitude Mountaineers Use All Natural Sunscreen During Himalayan Ascent.

A European team and Sherpa guides chose "to use MelanSol All Natural Antioxidant Sunscreen SPF-25 ... that is biodegradable." September 20, 2008

<http://www.prweb.com/releases/sunscreen/antioxidants/prweb1356744.htm>

Emory teacher questions foods' benefits. Half-way down

Gems from R. Davis, "The Healthy Skeptic," Univ. of California Press. Has a rebuttal of a general "claim" that sunscreen prevents skin cancer. Only squamous cell carcinoma. (In this short article, probably both claim and answer had to be oversimplified.) September 23, 2008

http://www.ajc.com/health/content/health/stories/2008/09/23/healthy_food_skeptic.html

Soaking up sun has defenders. Natural health fans doubt warnings.

Article writer seems to have a quarrel with the recommendation to wear sunscreen year-round. September 24, 2008

<http://washingtontimes.com/news/2008/sep/24/another-summer-has-faded-away-and-all-thats-left-i/>

Other protective products

A Cancer Survivor Helps People Stay Safe [sun safety].

B. Clement's sun-protective clothing business, SPF-Central. September 18, 2008

<http://www.prweb.com/releases/2008/9/prweb1342474.htm>

Shade structures for kids in South West Queensland - QLD Minister for Health.

Invitation to apply for grants in Queensland, Australia. September 19, 2008

<http://www.pando.com.au/san/articles/story/40111.html>

Special skin-cancer related events

Senior Center Seminar to explain different forms of skin cancer.

Free skin cancer seminar Sept. 30 with Dr. K. Hectorne from the Austin Medical Center. September 22, 2008

http://www.postbulletin.com/newsmanager/templates/localnews_story.asp?z=28&a=362490

Bosom Buddies topic for October is skin cancer.

The West Valley Chapter of Bosom Buddies considers skin cancer. Dr. P. Carroll-Chenon Oct. 2, in Peoria. September 22, 2008

http://www.yourwestvalley.com/articles/cancer_3781___article.html/skin_carroll.html

Attend Voorhees meeting to learn about melanoma.

Sept. 23 at Kennedy Center, Voorhees. Also a "site-specific mole/skin screening...." September 23, 2008

<http://www.courierpostonline.com/apps/pbcs.dll/article?AID=/20080923/NEWS01/80923041/-1/data>

Morris Twp. hosts melanoma fundraiser Saturday.

On Sept. 20, New Jersey's "Miles for Melanoma Run & Walk," with skin screenings from the Carol G. Simon Cancer Center, Morristown Memorial Hospital. September 19, 2008

http://www.nj.com/news/index.ssf/2008/09/morris_twp_hosts_fundraiser_to.html

Inside Saratoga: 123 celebrate life at benefit for cancer society.

ACS fundraising luncheon with dermatologist, on aspects of melanoma. (Most of this article is about the entertainment at the lively event.) September 23, 2008

http://www.saratogian.com/site/news.cfm?newsid=20133611&BRD=1169&PAG=461&dept_id=664106&rft=6

Miscellaneous

FTC warns consumers about bogus cancer cures.

L. Parnes, director of the FTC's bureau of consumer protection, said "the agency, along with the Food and Drug Administration and Canadian authorities, is launching a consumer education campaign warning about bogus claims for cures." Some object on free speech grounds. September 18, 2008

<http://www.washingtonpost.com/wp-dyn/content/article/2008/09/18/AR2008091801608.html?hpid=sec-health>

FTC cracks down on bogus online cancer cures.

FTC also launches a website -- www.ftc.gov/curious -- to help people report bogus cancer claims. September 21, 2008
<http://www.latimes.com/business/la-fi-consumer21-2008sep21,0,7142257.story>

SunWise News Roundup is produced every Wednesday by the United States Environmental Protection Agency (U.S. EPA). It includes links to news related to over-exposure to the sun, skin cancer, sun safety, UV, and tanning from the U.S. and abroad. Opinions expressed in **SunWise News Round Up** articles do not necessarily reflect the views of U.S. EPA or its staff. Please direct questions, comments, and suggestions to Ilona Melstrads (sunwise@epa.gov).

Points of Testimony

Edward Kerwin, MD

Senior Medical Director, Allergy & Asthma Center of Southern Oregon, PC

3860 Crater Lake Ave., Medford, OR 97504

Ph. 541-858-1003 Fax: 541-857-4499

1. Edward Kerwin, MD is an Allergy Asthma and Clinical Research Physician specializing in the treatment of Asthma and COPD patients. Dr. Kerwin has acted as a principal investigator on over 300 clinical trials of new inhaled medications for Asthma and COPD, including some 50 trials studying new HFA (Hydrofluoroalkane) inhalers used to replace older CFC (Chlorofluorocarbon) inhalers. Dr. Kerwin is an independent physician, and is not an employee of any pharmaceutical company, but performs research for many pharmaceutical companies.
2. Asthma is a common condition affecting up to 10% of children and 6% of adults in the U.S. COPD affects up to 10% of U.S. adults and elderly patients. Acute Bronchitis is an acute lung infection of the airways (medical term “Bronchioles”) caused by viral or bacterial infections. All of these conditions cause episodes of airway muscle spasm and mucous plugging leading to acute, sometimes severe narrowing or obstruction of airways and inability to breathe. Acute exacerbations of asthma, COPD and bronchitis are common, occurring as frequently as daily in susceptible patients. Patients with “bronchospasm” require quick or immediate treatment with “rescue bronchodilator” medicines, generally given as inhalers, designed to provide near immediate relief to the airway blockages and obstruction typical of asthma, COPD and acute bronchitis.

3. Asthma, COPD and Acute Bronchitis can occur in the middle of the night, on weekends, during hikes, picnics, excursions, or camps far from cities. Severe Asthma flare-ups and COPD/ Bronchitis flare-ups can cause critical, sometimes progressive shortness of breath that can lead to death and very severe distress if untreated. Asthma especially is allergy and exercise triggered. Picnicking near a hay field, visiting relatives with cats, cleaning a moldy basement or dusty carpet can trigger severe life-threatening asthma flare-ups. Exercise also triggers flares. These generally require immediate treatment, usually with 2-4 puffs of a rescue bronchodilator given within minutes of the onset of airway obstruction. Death from asthma can occur within as little as 20 minutes (due to hypoxia, or starving for air) if asthma and bronchospasm are not rapidly treated.
4. Every patient with Asthma and COPD should carry with them a rescue bronchodilator (such as albuterol HFA inhaler or epinephrine CFC inhaler) per Guidelines of U.S. and Global Asthma and COPD organizations.
5. Since Acute Asthma, Acute COPD and Acute Bronchitis are potential medical emergencies requiring immediate treatment, *over-the-counter therapies can play a key life-saving role* when patients have a flare-up.
6. Another similar emergency condition is acute bee sting anaphylaxis, or food, shrimp or peanut anaphylaxis, or acute allergy to penicillin or another drug. In all these cases there are readily available over-the-counter medicines, Benadryl (diphenhydramine), other antihistamines, (cetirizine, loratidine, fexofenadine), decongestants like Sudafed (pseudoephedrine available OTC in some states), and other rescue-relief medicines that patients can give themselves within minutes in an emergency.

7. This is a key point. Patients have a fundamental right to self-treatment, to try to heal or treat themselves in whatever ways they can, before they resort to the expense and inconvenience of seeing a doctor. This is a fundamental part of American values and American self-reliance, what we might call the Pioneer American Spirit; Americans have a right to treat themselves first and foremost with whatever remedies are available. We would never have settled the Midwestern, Southern, or Western U.S. without this spirit. Many Americans today in Montana, Colorado, California, Idaho, Arizona, Michigan, Wisconsin, Alabama, Georgia, Oregon, etc., live on rural ranches and farms miles from any doctor or hospital. Americans have a fundamental right to treat ourselves, at least with initial emergency first aid treatments. This is who we are.
8. Historically 60-100 years ago asthma was fortunately rare, and was notoriously difficult to treat. Patients smoked asthma cigarettes with anti-cholinergic medicines. They downed theophylline pills and teas, breathed in steam and struggled to take showers, trying to ease their breathing. These were truly the “dark ages” of asthma care. And many Americans died if their severe asthma did not resolve.
9. For 49 years, through four generations, over-the-counter rescue breathing medicines have been readily available OTC to Americans with Asthma or COPD or Bronchitis flare-ups. Primatene Mist (CFC) was released in about 1963. Other brands of inhalers and pills containing epinephrine have also been available over-the-counter to any person without a doctor’s appointment for nearly 50 years.
10. Only now as of December 31, 2011, has the U.S. EPA and FDA banned pharmacies in the U.S. from selling Primatene Mist (CFC) or any other inhaled epinephrine products.

11. Let me make this clear. As of January 1, 2012, there are no OTC rescue asthma medicines in U.S. pharmacies whatsoever. There are none.
12. So if you have an acute bee sting allergy in the forest, or at night, or in the inner city, or as an elderly person in your home, you can still get Benadryl, Zyrtec, Claritin or Allegra at any local 7-11 store or gas station.
13. But if you get an acute asthma flare-up on a hike in rural America, in the inner city, at night or on a weekend, you are out of luck. Maybe you can get an immediate doctor's appointment within 20 minutes.... As my teenage son would say, good luck with that. Maybe you are super organized and already have a prescription asthma/COPD rescue medicine like prescription albuterol HFA with you. But we all know that up to half of Americans are not so organized with their healthcare. Maybe you can treat yourself with "dark ages" treatments (see item 8 above). But even though for 50 years rescue epinephrine has been available OTC to every American, now there is no rescue inhaler that you can get in rural America, in the West, South, Midwest, or Northeast, in inner cities, or for poor or elderly patients with poor mobility.
14. You can think of an OTC rescue inhaler like epinephrine inhaler (Primatene Mist) as *a life preserver* for patients with severe flare-ups of asthma, COPD or acute bronchitis.
15. Just as on the *Titanic* or the *Costa Concordia*, people don't think about life preservers until they are drowning. Is it really right to lock up all the life preservers and give the only keys to a ship's doctor or a ship's Captain? As my teenage son says, good luck with that.

16. Rescue inhalers like Epinephrine (inhaled CFC or eventually HFA) should continue to be available over-the-counter to Americans without a requirement for a doctor's visit or a prescription or an ER visit. This is basically a "First Aid" medicine, like a band-aid for a cut, or Benadryl for a bee sting, or a Heimlich maneuver for a choking person. There need to continue to be over-the-counter, fast acting rescue bronchodilators available to Americans in need. They have had these continuously available since 1963. Only in January 2012 did the EPA and FDA prematurely withdraw CFC Primatene Mist inhaler without ensuring that there were alternative OTC rescue inhalers for patients with acute Asthma, COPD and Bronchitis.
17. The EPA and FDA have raided your "First Aid Kit," and removed a key rescue inhaler therapy. An extension on the withdrawal of Primatene Mist (CFC) for two years or 18 months is needed to allow an alternative HFA Epinephrine inhaler to be developed and to be approved for over-the-counter use by all Americans.

Thank you for your attention.

Edward M. Kerwin, MD

Summary

Testimony of Edward Kerwin, MD

Senior Medical Director, Allergy & Asthma Center of Southern Oregon, PC

- Asthma, COPD and Acute Bronchitis effect more than 30 million Americans. They cause episodic severe breathlessness requiring the use of rescue bronchodilator inhalers.
- For 49 years Americans have had an over-the-counter (OTC) rescue inhaler alternative, called Primatene Mist (epinephrine) with a chlorofluorocarbon (CFC) propellant. CFC Primatene Mist has been available for four generations of Americans, since 1963.
- The first principal of medicine is that patients have a right to treat themselves, to render first aid, to try to heal their own health before they go to any doctor or ER. This is a fundamentally American value, and how our rural frontiers were settled. Americans have a right to treat themselves through first aid in emergencies.
- OTC Inhaled Epinephrine (CFC) is a lifesaving rescue medicine for acute asthma, COPD, albuterol. This is similar to the role Benadryl plays for bee sting, peanut, or penicillin anaphylactic reactions. Such rescue medicines need to be available over-the-counter. There should be no “locking up” of these life preserving medicines in pharmacies and doctors’ offices. They are needed promptly within minutes, in the middle of the night, in rural areas, in inner cities, by the poor and infirm, by Americans who may have no rapid medical access to a doctor or hospital.
- An 18 month to two year extension of the licensing of OTC Primatene Mist (CFC) inhaler in the U.S. will allow time for a suitable HFA (hydrofluoroalkane) replacement to be developed as an OTC rescue inhaler for Asthma, COPD, and bronchitis patients, available to all Americans.



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**Testimony of the
American Thoracic Society
before the Energy and Power Subcommittee
of the House Energy and Commerce Committee
Presented by Monica Kraft, MD
President of the American Thoracic Society
Wednesday, July 18, 2012.**

I am Monica Kraft MD, and I am a professor of Medicine at Duke University and current president of the American Thoracic Society. As both a researcher and a clinician, I have spent most of my professional life dedicated to the diagnosis and management of patients with asthma and I direct the Duke Asthma, Allergy and Airway Center at Duke. It is with this professional and scientific background that I offer to present testimony of the American Thoracic Society on legislation to restore epinephrine inhalers back on the U.S. market place. It is my strongly held view and the view of the American Thoracic Society, that returning epinephrine inhalers to the U.S. market, even for a limited time, would be ill advised.

This view is shared by several other physician organizations including, the American Academy of Allergy Asthma and Immunology, the American College of Asthma Allergy and Immunology, the American Association of Respiratory Care and the National Association for the Medical Direction of Respiratory Care.

Asthma

As background, asthma is common and potentially life threatening medical condition where the airways of lung are inflamed, severely restricting air flow to the lung. For many people with asthma, it can feel like breathing through a straw.

Asthma affects between 5 and 10% of the population, so most everyone knows someone who has asthma. Therefore, over 24.6 million Americans have physician diagnosed asthma, including 7.1 million children. While the majority of asthma patients can and will successfully manage their asthma, every year, people die as a result of asthma attacks.

In the lung, the airways are inflamed, which means they are red and swollen which can cause them to narrow then and restrict airflow. The focus of asthma treatment is with anti-inflammatory medications, such as inhaled corticosteroids. In addition, medications that cause the airways to widen (bronchodilate) are also used. In more severe asthma, , physicians try a combination of other drugs to treat asthma which may include medications to more directly treat allergic symptoms, or in the most severe cases, oral corticosteroids such as prednisone,.

Health care professionals play an important role in educating patients about their asthma, including asthma triggers like tobacco smoke, air pollution, and allergens such as pet dander, cockroaches and dust mites, to find the right combination of medications, along with proper drug administration techniques to help people with asthma live full, active lives.

The take away message is that in the majority of cases, asthma can be successfully treated by working with health care professionals to find the right combination of safe and effective medications.

Epinephrine is NOT one of the medications that is considered safe for the treatment of asthma.

Epinephrine

Epinephrine is non-selective bronchodilator. This means that it has effects not only in the lung to bronchodilate but its non-selective nature means it has effects upon other organs such as the heart. Therefore, epinephrine or Primatene® can cause a significantly increased heart rate. This unwanted side effect can lead to cardiac stress and heart attacks in older patients or patients with heart disease.

For years the medical community has recognized the dangerous side effects of epinephrine for the treatment of asthma and has recommended against its use for asthma. In 1999 the American Medical Association 1) urged that warning labels on over the counter epinephrine

inhalers be strengthened to warn patients about the dangers of epinephrine use, 2) encouraged FDA to consider removing inhaled epinephrine from the market and 3) requested studies to determine whether the availability of inhaled epinephrine is a risk factor in asthma morbidity and mortality. The American Medical Association again reaffirmed this position in 2009.

Several expert panels have produced recommendations on the treatment of patients with asthma. None of the expert guidelines recommend the use of inhaled epinephrine --like Primatene Mist--to treat asthma. The National Asthma Education and Prevention Program (NAEPP), an expert panel convened by the National Institutes of Health, has issued treatment guidelines for management of asthma. NAEPP recommends against the use of epinephrine for treating asthma exacerbations stating:

“Drugs of choice for acute bronchospasm: Inhaled route has faster onset, fewer adverse effects, and is more effective than systemic routes. The less beta2-selective agents (isoproterenol, metaproterenol, isoetharine, and epinephrine) are not recommended due to their potential for excessive cardiac stimulation, especially in high doses.

(emphasis added)(2)

The American Thoracic Society strongly encourages any patient who is using over the counter medications--like Primatene Mist CFC--to treat their asthma to see a healthcare provider who can help the patient develop an asthma management plan and recommend more effective and safer medications to manage the asthma. Asthma action plans are dynamic plans that help guide a patient on how to manage their asthma on good days, bad days and those days in between. I have attached a sample asthma action plan with my testimony.

Pending Legislation

One of the goals of today's hearing is to discuss the pros and cons of enacting legislation to either permanently or temporarily restore inhaled epinephrine for the treatment of asthma to the U.S. market. If the intent of the legislation is to restore a safe and effective asthma drug to the market place, then this legislative effort is mis-informed. Inhaled epinephrine is not a safe drug for the treatment of asthma. The adverse side effects of epinephrine are serious and well documented. No current clinical practice guideline for the diagnosis and treatment of asthma recommends the use of epinephrine. In fact, asthma guidelines specifically recommend against inhaled epinephrine for treating asthma.

If the legislative intent is to provide access to an inexpensive drug for the treatment of asthma, then the legislative effort is laudable, but mis-directed. Inhaled epinephrine's risks outweigh its benefits.

I am also concerned about sending a very confusing message to patients. Physicians, drug makers and retailers have spent a lot of time and effort educating patients about the Primatene Mist transition and treatment alternatives patients have now that Primatene Mist is no longer available. Putting Primatene Mist back on the market – for an indefinite period of time – will send a very confusing message to patients.

Congress should be considering ways to increase patient access to health care professionals who can work with patients to find an effective combination of drugs to control asthma. We should not be abandoning patients with a serious medical condition like asthma to self diagnosis and self medication with less effective drugs that have well known serious side effects.

I hope the committee will keep the view of the American Thoracic Society in mind as it considers legislation on inhale epinephrine for the treatment of asthma. I would be happy to answer any questions you may have.

- 1) AMA House of Delegates policy H-115.972 (CSA Rep.2 A-99, reaffirmed CSPH Rep. 1 A-09)
- 2) National Asthma Education Prevention Program– Expert Report 2 (1997) p. 64 figure 3-2.

Jason Shandell
VP and General Counsel
Amphastar Pharmaceuticals, Inc.
US House of Representatives
Energy and Commerce Committee
Energy and Power Subcommittee

July 18, 2012

I am Jason Shandell, Vice President and General Counsel, for Amphastar Pharmaceuticals, Inc., the parent company of Armstrong Pharmaceuticals, Inc.

Amphastar believes in placing people before profits and therefore we are grateful to the Members and staff of the Energy and Commerce Committee for their assistance in helping us to distribute the remaining units of Primatene[®] Mist. We strongly believe that allowing patients to have access to Primatene[®] Mist is better than leaving it to expire in a warehouse in California.

History:

Primatene[®] Mist, an epinephrine inhaler with CFC as propellant, was developed by Wyeth Labs in 1967. Amphastar purchased the rights to market the Primatene[®] Mist brand from Wyeth in July 2008.

Primatene[®] Mist is approved “for temporary relief of occasional symptoms of mild asthma”. There are at least 2-3 million loyal Primatene[®] Mist users.

This drug was manufactured by Armstrong Pharmaceuticals Inc. since 1984 until August of 2011. Once our allocated CFC to produce Primatene[®] Mist was exhausted, we stopped manufacturing the product on August 12, 2011 and shut down Armstrong's manufacturing facility plant in West Roxbury, Massachusetts.

When we purchased the Primatene[®] Mist brand in 2008, we knew that Primatene[®] Mist would be going off the market and that there were technical challenges in creating a CFC free epinephrine inhaler, referred to as Primatene[®] HFA. We accepted the challenges and were confident that a CFC free Primatene[®] HFA could be developed. In fact, we have developed Primatene[®] HFA in our Canton Massachusetts facility and continue to proactively work with the FDA to address their questions and requirements in order to bring the CFC free Primatene[®] HFA to market. We hope to submit an NDA for Primatene[®] HFA in the fourth quarter of this year. Primatene[®] HFA, like Primatene[®] Mist, is an epinephrine inhaler, but with HFA as the propellant,

When the Final Rule was published in the Federal Register in November 2008, requiring the termination of the sale and distribution of Primatene[®] Mist as of December 31, 2011, Armstrong warned the regulatory decision making parties "...that removing OTC epinephrine from the market and attempting to switch patients to prescription medications will, in Armstrong's view, have significant costs and health consequences, which can be avoided by extending the effective date to allow time for a non-ODS OTC epinephrine product to be developed before the current product is phased out." "ODS" is an acronym for Ozone Depleting Substance.

Today:

Because Primatene[®] Mist was removed from the market on January 1, 2012 there is NO over the counter inhaler for asthmatic patients on the US market. An individual who previously used

Primatene[®] Mist must now see a doctor to obtain a prescription for Albuterol and then have it filled, at four to five times the cost of Primatene[®] Mist (approximately \$20.00 versus \$108.75 to \$111.59). We have received thousands of inquiries from users of Primatene[®] Mist who are desperate for availability of an OTC inhaler. Unfortunately, these inquiries have also cited two possible deaths because of the lack of an OTC inhaler.

Our Efforts:

Last fall, we engaged Venable Law firm to assist us in requesting from the EPA, Enforcement Discretion on Primatene[®] Mist. Former Congressman Bart Stupak has been our lead counsel in working with the EPA.

After meetings with the EPA, two written Requests for Enforcement Discretion, with supporting government studies and documentation, were submitted last December to the EPA to allow for the sale of the remaining units of Primatene[®] Mist based on public health and economic interests. The public health interest is growing since the untreated or undertreated asthma patient population is largely comprised of the uninsured, economically disadvantaged, black and Hispanic communities, including a large number of women and children.

Without Primatene[®] Mist, those asthmatics who have no insurance or have no prescription albuterol available may have to seek care in emergency rooms and experience longer hospitalizations when experiencing asthma symptoms such as shortness of breath, and they do not have Primatene[®] Mist available Over the Counter.

The company's request for enforcement discretion was denied by the EPA on December 30, 2011 citing that it would not be in the public interest to allow the sale of the remaining units of Primatene[®] Mist.

The EPA has granted Enforcement Discretion on three occasions over the past 10 years after a Final Rule had been published for low sulfur gasoline, lead abatement certification, and Texas Low-Emission Diesel under the Texas State Implementation Plan.

Since the EPA did not address the economic factors raised in our original request, we again requested enforcement discretion from the EPA on January 4, 2012. The 2008 Final Rule stated that removing Primatene[®] Mist from the market will cost consumers between \$300 million to 1.1 billion dollars based on 2007 estimates. The cost to the Federal Government and taxpayers for Medicare and Medicaid could run as high as \$75 million dollars in each program.

We have not received a response from the EPA on this subsequent request based on economic concerns.

Amphastar understands that Members of Congress have written to the EPA expressing their concerns about the removal of Primatene[®] Mist from the OTC market and have not received any response from the EPA.

The company has repeatedly asked why Primatene[®] Mist was pulled from the market when two prescription drugs, one of which has an approved, non-CFC replacement on the market, that use CFC as their propellants, have been granted exceptions to the Montreal Protocol to stay on the

market through December of 2013. No one from EPA has ever explained why these two inhalers with CFCs are allowed to remain on the market but Primatene[®] Mist is not.

Primatene[®] Mist had been on the market for almost 50 years with a safe and effective track record. To remove Primatene[®] Mist from the market because it contains CFC with no replacement inhaler jeopardizes the health and safety of the 2-3 million Americans that have relied on this product for many years.

Amphastar believes in putting people over profits and throughout our efforts we have offered to distribute all the remaining units of Primatene[®] Mist as a donation to public health clinics. This offer has been rejected. We are not interested in profiting from the sale of the remaining inventory of Primatene[®] Mist. Therefore, Amphastar commits that it will donate all the net profits from the sale of the remaining units of Primatene[®] Mist to charity. Amphastar believes in its product, Primatene[®] Mist. It should be available in the US OTC market so individuals who are suffering from asthma and depend on this product can enjoy instant relief when they experience asthma symptoms such as shortness of breath. We sincerely believe that there must be a readily available over the counter inhaler for American asthma patients who have difficulty accessing a doctor to obtain a prescription and cannot afford to pay four to five times more for a prescription inhaler.

Please be advised that Amphastar will also be launching an Internet campaign to "Bring Back My Primatene[®]" to get Primatene[®] Mist back on the OTC retail market and available for the millions of Americans who are suffering from asthma and need Primatene[®] Mist.

In closing, let me again thank the Members of this Committee, Chairwoman Mary Bono Mack, Dr. Michael Burgess and Congressman Mike Ross, and your professional staff for holding this

hearing, developing draft legislation to allow the sale or distribution of the remaining units of Primatene[®] Mist, and allowing me to testify on behalf of Amphastar and Armstrong.

In conclusion, our goal is to get the remaining units of Primatene[®] Mist out of the warehouse and in the hands of the American people. The asthmatic population that purchases Primatene[®] Mist believes in our product because it works for them, it is convenient and available without having to see a doctor or they lack adequate health insurance for prescription inhalers. We are concerned about the health of the American people and we will donate to charity all net profits from the sale of the remaining units of Primatene[®] Mist.

Thank You.

SUMMARY

Jason Shandell, Esquire Amphastar/Armstrong Pharmaceuticals

- For almost 50 years, Primatene® Mist is approved “for temporary relief of occasional symptoms of mild asthma. There are 2-3 million loyal Primatene® Mist users.
- Because Primatene® Mist was removed from the market on January 1, 2012 there is NO over the counter (OTC) inhaler for asthmatic patients. Primatene® Mist users must now see a doctor to obtain a prescription for Albuterol and then have it filled at four to five times the cost. We have received thousands of inquiries from Primatene® Mist users who are desperate for an OTC and users cite two possible deaths because no OTC inhaler.
- Two written Requests for Enforcement Discretion were presented with supporting government studies and documentation to the EPA based on public health and economic interests. The public health interest is the growing number of untreated or undertreated asthma patient population which is largely the uninsured, economically disadvantaged, black and Hispanic communities, including a large number of women and children.
- The EPA has granted Enforcement Discretion on three occasions over the past 10 years.
- Amphastar will not profit from the sale of the remaining 1.2 million units of Primatene® Mist and it will donate all the net profits to charity.
- The asthmatic population that purchases Primatene® Mist believes in our product because it works for them, it is convenient and available without having to see a doctor or they lack adequate health insurance for prescription inhalers.
-

Statement of Chris Ward

To the House Energy and Commerce Committee, Subcommittee on Energy and Power

July 18, 2012

I am Chris Ward, I live in Washington, DC, and I am a past Chairman of the volunteer Board of Directors of the Asthma and Allergy Foundation of America. I have had asthma all of my life. When I was a child, there were few choices for treating my asthma. I have been fortunate that more and better asthma treatments have come into use. I have also been fortunate to be under the care of an allergist since childhood when I was diagnosed. Now, there are a variety of safe, effective medications from which to choose to treat my asthma, and I am a grateful beneficiary.

Making epinephrine bronchodilators like Primatene Mist available over-the-counter may give patients a false sense of security if patients use this medication to achieve short term control when long term control is indicated. Asthma is a chronic disease and short term symptom relief may lull patients into a false sense of security and think they have no need to follow up with their physician.

Asthma patients need professionals who can recognize levels of asthma control and recommend the most appropriate, effective medication to achieve control. Left on their own with medication like epinephrine bronchodilators to rely on, patients can get into trouble.

Sound public policy should provide patients with opportunities to get appropriate treatment directed by skilled professionals. Having access to Primatene Mist over-the-counter can put

patients at risk if they delay getting an appropriate diagnosis and effective treatment to keep their asthma in control.

Some argue that in case of an asthma attack, patients need to be able to go to a retail drug store or supermarket to buy Primatene Mist over-the-counter. Should we recommend that someone having an asthma emergency go to a store to buy a device over calling 911 and going to an emergency room or hospital? If patients need unplanned refills, or replacement devices, they can contact their prescriber or get appropriate medications from the emergency room.

Another false assumption is that low income people need these medications because they are low cost. While the price of Primatene Mist may be lower than the total cost of or co-pay for more effective bronchodilators, the relief from these epinephrine devices does not last as long. Thus, the long term cost is actually higher.

Allowing over-the-counter access to this product may seem to erase the cost of visiting a prescriber. However, over-the-counter bronchodilators can promote self-diagnoses, which is particularly unsafe for the symptoms of asthma. With proper diagnoses and treatment, people can control their asthma symptoms, avoiding high-cost interventions like emergency department visits and hospitalizations. Cutting out care by qualified medical practitioners could be dangerous for the patient and costly to the healthcare system.

The decision to withdraw Primatene Mist from the US market was made years ago. Lifting the ban now will lead to confusion. There will be little opportunity to inform patients about the

nature of this change and to urge them to seek care from a professional if they think they have asthma.

I know that asthma is a serious chronic condition, and I know what a difference effective treatment can make. I urge you, for all current and future asthma patients, to reject any attempt to re-release Primatene Mist to the US market as an over-the-counter product.

END



THE ASTHMA AND ALLERGY FOUNDATION OF AMERICA

The Asthma and Allergy Foundation of America (AAFA), founded in 1953 by the two leading professional medical organizations in the United States devoted to the allergy/immunology specialty, is the oldest asthma and allergy patient group in the world. AAFA is an independent not-for-profit association dedicated to improving the quality of life for people with these chronic conditions through education, advocacy and research. To achieve its mission, AAFA conducts national campaigns, disseminates education programs and tools, articulates policy positions and works with state and regional AAFA chapters, Educational Support Groups, governments, coalitions, corporate sponsors, health professional groups and volunteers.



November 28, 2011

The Honorable Lisa Jackson
Administrator
Environmental Protection Agency
Ariel Rios Federal Building
1200 Pennsylvania Avenue, NW
Room 3000
Washington, DC 20460

Dear Administrator Jackson:

I am writing on behalf of Teva Respiratory, a brand division of Teva Pharmaceuticals, to provide a profile of Primatene Mist CFC users. As you know, concerns have been raised about the impact on patients of the regulation that would prohibit the selling of over-the-counter epinephrine inhalers, primarily Primatene Mist, after December 31, 2011. Regretfully, there seems to be a lot of misperceptions and faulty assumptions about who the Primatene Mist CFC customer is and his/her access to appropriate medication alternatives.

In order to prepare for the transition, Teva Respiratory conducted a market research survey to better understand how to best educate patients and health care providers of the transition from Primatene Mist CFC to albuterol HFA. While this information is proprietary, I did want to share some of the top line findings in order to provide a better understanding of the current Primatene Mist user.

We surveyed consumers between the ages of 20 and 75 who have purchased and used Primatene Mist CFC within the past two years. The findings included:

- Primatene Mist CFC users are well educated, well above the general population
 - 28% had graduated college compared to 19% of the U.S. population
 - 21% had done post graduate work compared to 10% of the U.S. population;
- The median number of Primatene Mist CFC inhalers used in the past 18 months is 2;
- 84% of Primatene Mist CFC users are insured;
- 80% of Primatene Mist CFC users have prescription drug coverage;
- 83% of Primatene Mist CFC users have a personal physician and 72% have seen their physician in the past year;

- Tier 2 copays for insured patients average \$20-\$25 (similar to retail costs of Primatene Mist CFC inhalers)
 - For the 16% of those not insured, low income patients (200% or less of the Federal Poverty Level) would qualify for The Teva Assistance Program for free albuterol HFA inhalers;
- 88% of Primatene Mist CFC users have a respiratory diagnosis and nearly 40% are already taking a prescription inhaler;
- Only 11% of Primatene Mist CFC users cited cost as a factor when citing reasons for using the product over a prescription inhaler.

The data clearly suggests that the majority of Primatene Mist CFC users are already in the health care system have access to a physician and visit their physician on a regular basis.

Many of the concerns raised about this transition are similar to those raised during the 2008 "CFC to HFA" albuterol switch. Due to the hard work and efforts of all the stakeholders – the federal government, patient groups, medical societies, pharmacies and drug manufacturers – it was extremely successful with virtually no disruption in access or harm to patients. Teva Respiratory, and indeed all of our competitors, initiated numerous programs to educate patients and health care providers. Although the scale was much greater for the 2008 transition – 50 million albuterol units compared to 2-3 million Primatene Mist CFC units – the effort has been similar. Significant resources were invested to drive awareness of the albuterol CFC-HFA transition, just as they have been in this switch, with the goal of ensuring that all were prepared. Patients and health care providers were ready for the transition in 2008 and they are ready for the switch this year.

I hope you find this information helpful. Please do not hesitate to contact me should you have additional questions.

Sincerely,



Mark Salyer

Executive Vice President and General Manager

cc: Margaret Hamburg, MD
Commissioner
Food and Drug Administration

Cynthia Giles
Assistant Administrator, Office of Enforcement and Compliance Assurance
Environmental Protection Agency

Regina McCarthy
Assistant Administrator, Office of Air and Radiation
Environmental Protection Agency



November 28, 2011

The Honorable Lisa Jackson
Administrator
Environmental Protection Agency
Ariel Rios Federal Building
1200 Pennsylvania Avenue, NW
Room 3000
Washington, DC 20460

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Cynthia Giles
Assistant Administrator, Office of Enforcement and Compliance Assurance
Environmental Protection Agency

Regina McCarthy
Assistant Administrator, Office of Air and Radiation
Environmental Protection Agency

From: [Drusilla Hufford](#)
To: [Linda Rutsch](#)
Cc: [David Donaldson](#)
Subject: Thank You!
Date: 02/28/2012 03:55 PM
Attachments: [IYC_DH_SunSafety_11-10-11-update1_NEWFINAL.ppt](#)

Linda - Thank you for the excellent overview pre-brief on SPD's great sun safety programs. I attached as promised a few options to consider, as you and the team get ready for tomorrow. I am looking for the india/nepal slide and will send as soon as I locate it -

Drusilla



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From: [Drusilla Hufford](#)
To: [David Donaldson](#)
Subject: Thank you
Date: 09/25/2012 05:16 PM
Attachments: [Title VI Opportunities_DHEdit v3.cn.pptx](#)

Please print first since Sarah may go home - thanks a million!

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From: [Drusilla Hufford](#)
To: [Cindy Newberg](#); [Dave Godwin](#); [Julius Banks](#); [Tom Land](#)
Subject: Things to Share with Tygers....
Date: 07/01/2008 08:56 AM
Attachments: [Briefing for Sam - Improve Analysis.ppt](#)
[Rob Briefing - June 27.doc](#)

Briefing for Sam N.



Briefing for Sam - Improve Analysis.ppt

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(b) (5)



Rob Briefing - June 27.doc

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From: [Drusilla Hufford](#)
To: [Sarah Dunham](#)
Cc: [Jackie Krieger](#)
Bcc: [Drusilla Hufford](#)
Subject: Today's EPA briefing
Date: 11/09/2011 09:18 AM
Attachments: [U.S. Transition to CFC-Free Asthma Treatments OCIR draft DH.pptx](#)

Sarah - As I mentioned to you, after our OECA meeting last week, Carolyn Levine and Diann Frantz of OCIR requested an overview background briefing on the MDI issue. I have used the same slides we shared with you, with some updates toward the end, as a basis for this internal conversation. Let me know if you have any suggested changes or concerns, and thanks,

Drusilla



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From: [Drusilla Hufford](#)
To: [Ed Callahan](#); [Jackie Krieger](#)
Cc: [Kristinn Vazquez](#); [David Donaldson](#); [Cindy Newberg](#)
Subject: Today's QA
Date: 01/23/2012 06:00 PM
Attachments: [SPD Q&A.doc](#)

Ed - Attached are SPD's responses to the congressional briefing QAS drill. In today's OAP managers, I was asked to send this to you and to Jackie. All comments welcome - I have erred on the side of being inclusive but will be glad to take out any unneeded material.

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From: [Drusilla Hufford](#)
To: [Paul Horwitz](#)
Subject: We can chat this am
Date: 10/26/2012 07:26 AM
Attachments: [Section 602.doc](#)

Attached are my revisions -



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Handling Procedures for White Goods Containing Refrigerants
Environmental Protection Agency, Region 4
November 4, 2005

The United States Environmental Protection (EPA) recently issued the “Guidance for Handling Refrigerant Containing Appliances/Vehicles Damaged by Hurricanes” (Guidance), herein attached. This Guidance provides information for contractors, State and local governments, and citizens regarding EPA’s requirements for the proper disposal of appliances and motor vehicles containing refrigerants. In light of Hurricanes Katrina and Wilma, the Guidance identifies key requirements for recovering refrigerants, which are harmful to the environment and public health (please see the Guidance for further details). The venting of refrigerants and the failure to use recovery devices continue to be violations of the Clean Air Act and may result in civil penalty actions or criminal prosecutions. The purpose of this memorandum is to complement the recently released Guidance document and to discuss general procedures for handling of “white goods” that contain refrigerants.

As you know, the State of Mississippi, the affected Counties, FEMA, the Army Corps of Engineers, and EPA are all collectively working to segregate certain wastes before disposal. White goods are slated to be segregated from the debris waste stream and recycled. During the recycling process, refrigerant is to be recovered from refrigerators and freezers before crushing and bailing. In general, by following the management practices below, we all can help ensure that refrigerant is being removed and recovered as required:

- 1) Separate Refrigerant Containing White Goods - Reports from EPA Haz Mat crews in the field have indicated that when white goods are loaded into separate stake bed or box trucks, there is a higher probability of segregation and later refrigerant recovery. Separate, designated crews should be used for pick-up and loading of white goods containing refrigerant.
- 2) Load White Goods Containing Refrigerant By Hand – Given the location of refrigerant lines and service ports on appliances, damage to these areas is less likely when the white goods are hand loaded and/or transported via Dolly or lift gate. The use of a grapppler or “knuckle boom” to load white goods often damages the lines. As a result, refrigerant could be released before recycling or recovery operations are enacted. A grapppler, knuckle boom, or any type of equipment, that damages or reduces the chance for refrigerant recovery, should not be used to handle white goods containing refrigerant.
- 3) Use of EPA Guidance document - Ensure recovery personnel are following EPA’s issued Guidance attached to this memo during refrigerant recovery.

EPA is committed to providing assistance to the State of Mississippi, local municipalities, and those involved with the recovery and rebuilding processes, to ensure that all applicable environmental regulations are being adhered to. If you have any questions for EPA pertaining to this Memorandum, please call the EPA Incident Command Post toll free at 866/287-6935.

From: [Drusilla Hufford](#)
To: [Ron Henrichs](#); [Eileen Murray](#); [Karen Collishaw](#); hlim1@hfhs.org; antonishak@aol.com
Cc: [Kristinn Vazquez](#)
Subject: Yesterday's Meeting
Date: 02/06/2009 10:04 AM

It was a pleasure meeting with AAD leadership yesterday. The National Council has valued the ongoing collaboration with AAD, and speaking from the point of view of EPA, we continue to enjoy the ongoing partnership for public health protection. I thought you all might be interested in the attached recent paper, FYI only.

Looking forward to seeing you again soon,

Drusilla Hufford

Global Warming May Delay Recovery Of Stratospheric Ozone

ScienceDaily (Feb. 5, 2009) — Increasing greenhouse gases could delay, or even postpone indefinitely the recovery of stratospheric ozone in some regions of the Earth, a new study suggests. This change might take a toll on public health.

Darryn W. Waugh, an atmospheric scientist at Johns Hopkins University in Baltimore, and his colleagues report that climate change could provoke variations in the circulation of air in the lower stratosphere in tropical and southern mid-latitudes — a band of the Earth including Australia and Brazil. The circulation changes would cause ozone levels in these areas never to return to levels that were present before decline began, even after ozone-depleting substances have been wiped out from the atmosphere.

"Global warming causes changes in the speed that the air is transported into and through the lower stratosphere [in tropical and southern mid-latitudes]," says Waugh. "You're moving the air through it quicker, so less ozone gets formed." He and his team present their findings in the journal *Geophysical Research Letters*.

Dan Lubin, an atmospheric scientist who has studied the relationship between ozone depletion and variations in the ultraviolet radiation that reaches the Earth, says Waugh's findings could bode ill for people living in the tropics and southern mid-latitudes.

If ozone levels never return to pre-1960 levels in those regions, "the risk of skin cancer for fair-skinned populations living in countries like Australia and New Zealand, and probably in Chile and Argentina too, will be greater in the 21st century than it was during the 20th century," says Lubin, who is at Scripps Institution of Oceanography in La Jolla, Calif. and did not participate in the research.

Ozone is a gas which is naturally present in the atmosphere and absorbs ultraviolet radiation from the Sun that can harm living beings—for instance, by causing human skin cancer. This protective molecule has been in decline in the stratosphere since the 1970s due to an increase in atmospheric concentrations of human-made substances (mostly chlorofluorocarbon and bromofluorocarbon compounds) that destroy ozone. Since the late 1980s, most countries have adhered to the Montreal

Protocol, an international treaty to phase out production of ozone-depleting substances.

Researchers at NASA Goddard Space Flight Center in Greenbelt, Md. collaborated with Waugh in the new study. The team forecast effects on ozone recovery by means of simulations using a computer model known as the Goddard Earth Observing System Chemistry-Climate Model.

Not all regions face worse prospects for ozone recovery as a result of climate change, the scientists find.

In polar regions and northern mid-latitudes, restoration of ozone in the lower stratosphere will suffer little impact from increasing greenhouse gases, their projections indicate.

Indeed, in the upper stratosphere, climate change causes a drop in temperatures that slows down some of the chemical reactions that destroy ozone. So, recovery might be reached in those parts of the atmosphere earlier than forecast, even decades before the removal of ozone-depleting gases.

While scientists have long suspected that climate change might be altering the dynamics of stratospheric ozone recovery, Waugh's team is the first to estimate the effects of increasing greenhouse gases on the recovery of ozone by region.

Waugh says his study will help scientists attribute ozone variations to the right agent.

"Ozone is going to change in response to both ozone-depleting substances and greenhouse gases," he says, "If you don't consider climate change when studying the ozone recovery data, you may get pretty confused."

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